STUDIO SERIES

PROJECTION TV RECEIVER

Chassis : P55A(N) REV.1
Model: 42HD43A

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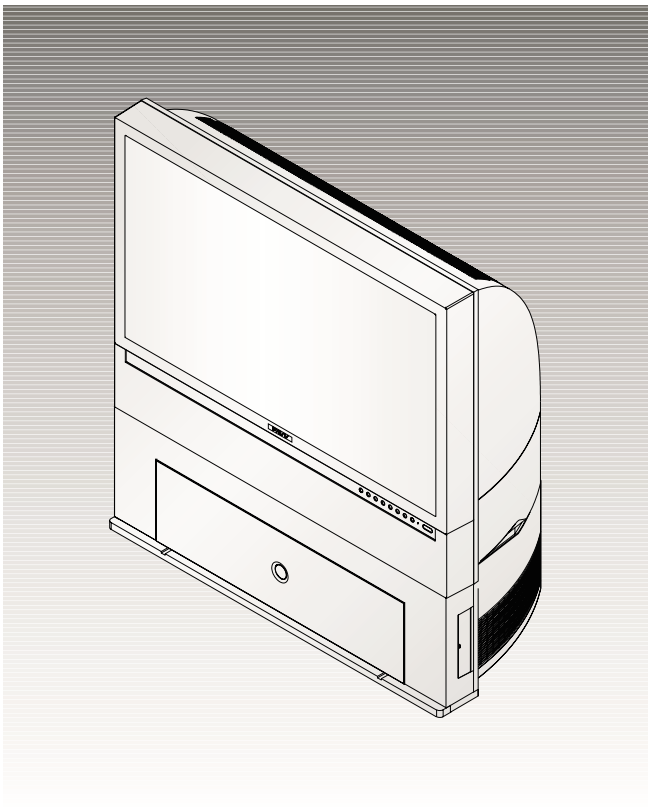
SERVICE Manual

PROJECTION TV RECEIVER



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2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	µA	Microampere
		µF	Microfarad
°C	Degree Celsius	µH	Microhenry
°F	Degree Fahrenheit	µm	Micrometer
°K	degree Kelvin	µs	Microsecond
F	Farad	µW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 Description of Dynamic Focus

Most large-screen video display devices that are using CRT (including CDT) usually apply the Dynamic Focus (hereinafter D/F) circuit.

As CRT has non-spherical surface (perfect spherical surface = 1, non-spherical surface R>1), the distance that the electron beam emitted from the electron gun reaches to the center of CRT is different from the one that the electron beam reaches to the corners. (See Figure 1.)

Only the beam, which has the equal distance as the beam from the electron gun to the center of CRT surface, can maintain the optimum focus.

By this reason, focus dagradation at corners occurs inevitably.

To recover this, the speed of the electron beam injected into the corners of CRT should increase and the focus dagradation by the difference of distances can be compensated.

Increasing the voltage is used as a method of increasing the speed of the electron beam at the corners of screen.

In this case, an ideal D/F voltage waveform is the form of parabola where the center of screen has low voltage and the corners has the highest voltages.

The horizontal D/F waveform compensates the focus dagradation at left and right sides, but the vertical D/F waveform does at top and bottom sides.

The horizontal D/F and vertical D/F waveforms are separately created and mix two signals to compensate the focus of the whole screen.

And the vertical Dynamic Focus waveform is composed of the horizontal Dynamic Focus waveforms as much as the number of scanning lines. (See Figure 2.)

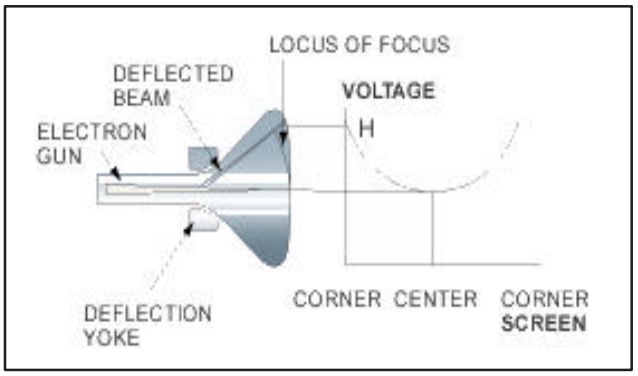


Fig. 1 Dynamic Focus Diagram (Horizantal)

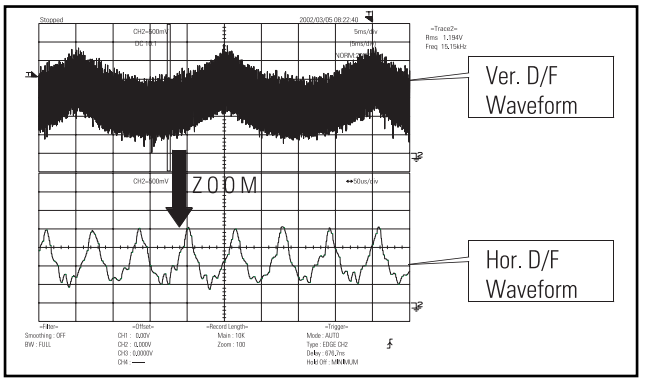


Fig. 2 H/V Dynamic Focus Waveform

2-3 IC Line Up

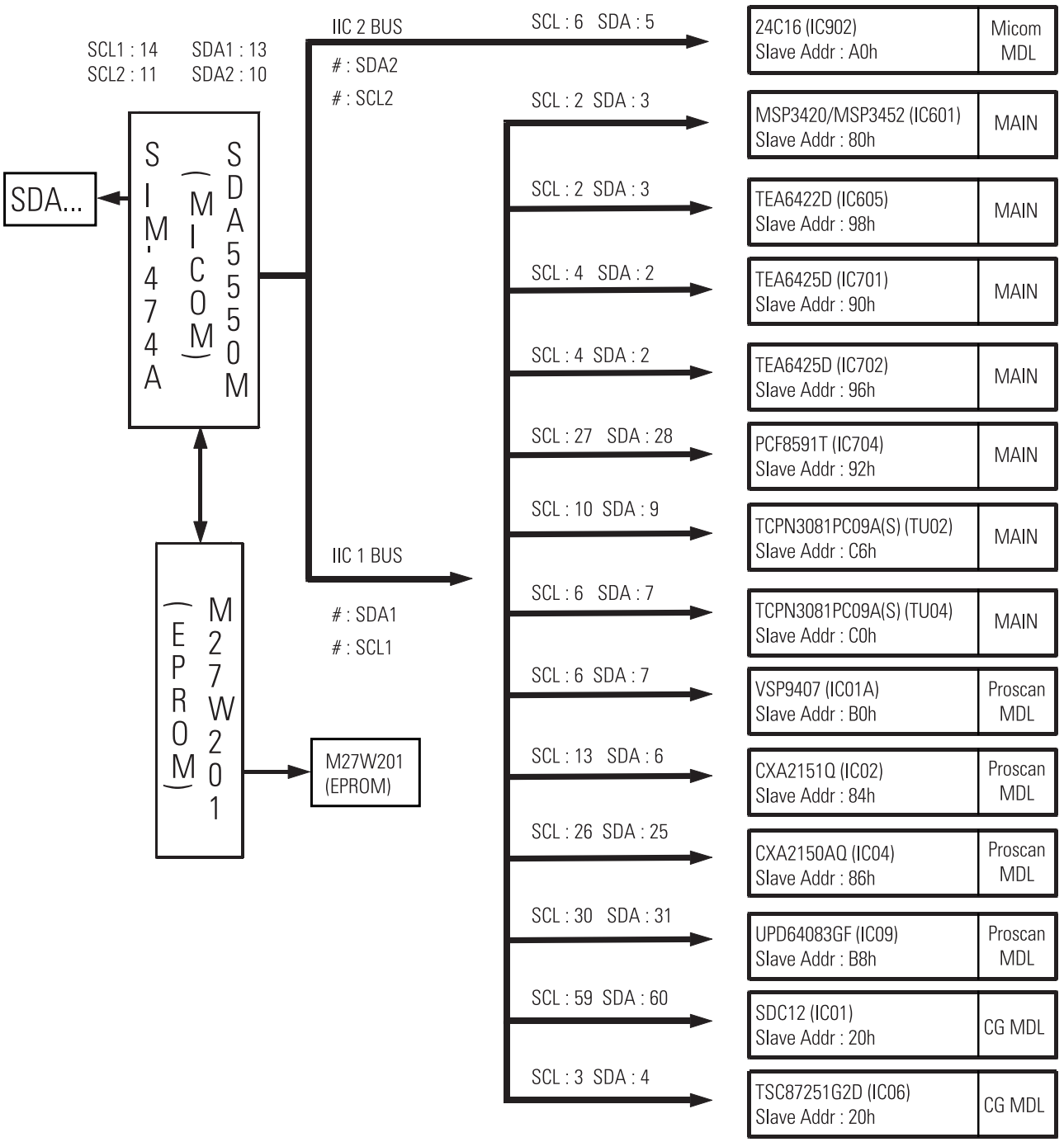
2-3-1 Progressive

Table 2 - 3 IC Line - Up

No	Block Name	IC Location	IC Name	CODE-NO
1	MAIN	IC601	TDA7265	AA96-00623E (ASSY)
		IC602	MSP3420G (QFP)	1204-002002
		IC603	TL062CDT (SOP)	1201-000541
		IC604	TL062CDT (SOP)	1201-000541
		IC605	TEA6422D (SOP)	1001-001178
		IC701	TEA6425D (SOP)	1001-001177
		IC702	TEA6425D (SOP)	1001-001177
		IC704	PCF8591T	1002-001048
		IC801	KA278RA05 X 3EA +78R09+7808	AA96-00475B (ASSY)
		IC802	7905 (DIP)	1203-000119
		IC807	78R12 (DIP)	1203-000165
		IC808	SI-3050C	BP96-00020G (ASSY)
2	Micom	IC901	SDA5550M (QGP)	204-001912
		IC902	24C16 (SOP)	1103-000180
		IC903	78RM33D	1203-002302
		IC905	M27W201-80F6 (DIP)	1102-001130
3	PRO-SCAN	IC01	VSP9407 (QFP)	1204-001938
		IC02	CXA2151Q (QFP)	1204-001814
		IC03	BA7657F (SOP)	1001-001082
		IC04	CXA2165Q (QFP)	1204-001989
		IC05	LF18	1203-002186
		IC06	7027	1203-001211
		IC11	78RM33D	1203-002302
		IC13	74HC123 (SOP)	0801-000662
4	CG-MDL	IC01	SDC12 (QFP)	BP13-00003A
		IC02	78RM33D	1203-002302

Table 2 - 3 IC Line - Up (Continued)				
No	Block Name	IC Location	IC Name	CODE-NO
4	CG-MDL	IC03	7042	1203-001824
		IC04	7S04	0801-002345
		IC05	24C64 (SOP)	1103-001195
		IC06	TSC871251G2D (PLCC)	AA09-00032A
		IC07	EL2250CS (SOP)	1201-001520
		IC08	74HC4052 (SOP)	1001-000164
		IC09	072 (SOP)	1201-001504
		IC10	072 (SOP)	1201-001504
		IC11	072 (SOP)	1201-001504
		IC12	LM324AM (SOP)	1201-001135
		IC13	NC7SB3157 (SOT)	1001-001155
		IC14	072 (SOP)	1201-001504
		IC15	7S04 (SOP)	0801-002345
		IC16	7S04 (SOP)	0801-002345
		IC17	TLC2932IPWLE (SOP)	1209-001163
5	SUB	ICS801	VIPER12A	1203-002177
		ICS802	KA7805	1203-000568
		IC301	LA7845	1204-000517
		IC421	78R12	1203-000165
		IC430	317 (TO-220)	1203-000161
		IC431	MC4558C	1201-000191
		IC471	TL494CN	1203-000610
		IC831S	STR-X6456	AA13-00105A
		IC851	SE110N	1203-001400
		ICR01S	431 (TO-92)	1203-001217
		PC801S	PS2561	0604-001032
		PC811S	PS2561	0604-001032
6	CRT	IC501, 531, 561	TDA6111Q	1201-001131
7	CG-AMP	ICZ103, 104	STK392-010	1201-001512

2-4 MICOM IIC BUS LINE -UP


SCL1 : 14
SCL2 : 11
SDA1 : 13
SDA2 : 10
SDA...
SIM-474A (MICOM) SDA5550M
IIC 2 BUS
: SDA2
: SCL2
IIC 1 BUS
: SDA1
: SCL1
(EPROM) M27W201
M27W201 (EPROM)
SCL : 6 SDA : 5
SCL : 2 SDA : 3
SCL : 2 SDA : 3
SCL : 4 SDA : 2
SCL : 4 SDA : 2
SCL : 27 SDA : 28
SCL : 10 SDA : 9
SCL : 6 SDA : 7
SCL : 6 SDA : 7
SCL : 13 SDA : 6
SCL : 26 SDA : 25
SCL : 30 SDA : 31
SCL : 59 SDA : 60
SCL : 3 SDA : 4
24C16 (IC902) Slave Addr : A0h
Micom MDL
MSP3420/MSP3452 (IC601) Slave Addr : 80h
MAIN
TEA6422D (IC605) Slave Addr : 98h
MAIN
TEA6425D (IC701) Slave Addr : 90h
MAIN
TEA6425D (IC702) Slave Addr : 96h
MAIN
PCF8591T (IC704) Slave Addr : 92h
MAIN
TCPN3081PC09A(S) (TU02) Slave Addr : C6h
MAIN
TCPN3081PC09A(S) (TU04) Slave Addr : C0h
MAIN
VSP9407 (IC01A) Slave Addr : B0h
Proscan MDL
CXA2151Q (IC02) Slave Addr : 84h
Proscan MDL
CXA2150AQ (IC04) Slave Addr : 86h
Proscan MDL
UPD64083GF (IC09) Slave Addr : B8h
Proscan MDL
SDC12 (IC01) Slave Addr : 20h
CG MDL
TSC87251G2D (IC06) Slave Addr : 20h
CG MDL

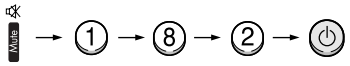
3. Specifications

Broadcasting System	NTSC
Scanning System	Progressive Scanning
Tuning Range	VHF : CH2 ~ CH13
Antenna Impedance	75 ohm Unbalanced
Intermediate Frequency	Video : 45.75 MHz Sound : 42.25 MHz Chrominance Subcarrier : 42.17 MHz
Sound Output	STD : 10W MAX : 15W
Rated Voltage	120V / 60 Hz
W/B Coordinates	Hx : 266 Hy : 280 Y : 8.9 Lx : 268 Ly : 283 Y : 0.38
High Voltage	29KV
FUSE	250V/6.3A CODE NO : 3601-000300
Power Consumption	240W
Dimension	1002 X 450 X 1070mm 39.4 X 17.7 X 42.1 inch
Weight	49Kg 108lbs

4. Alignment and Adjustments

4-1 When entering the service mode:

1. Turn on the TV, and then select “STANDARD”on the picture adjustment mode.
2. Turn off the TV (STAND-BY).
3. Enter the service mode by pressing the remote control keys in the following sequence :



Note : If necessary, re-do steps 1~3.

Initial display when the service mode is switched.

1. When a RF signal is received

SERVICE / Sim-474A

DEFLECTION
480P OFFSET
1080i OFFSET
CONVERGENCE OFFSET
VIDEO ADJUST 1
VIDEO ADJUST 2
VIDEO ADJUST 3
VIDEO ADJUST 4
OPTION (E3h 98h 0ch)
RESET / 02-05-03

3. Service Mode Control Keys

MAIN MENU	MENU DISPLAY
CH UP/DOWN	Select item by moving cursor
VOL UP/DOWN	Decrease or increase the adjustment values

< PRECAUTIONS >

1. When EEPROM IC (IC902) is replaced, first connect the power cord and wait for about 4~5 seconds.
2. After replacing EEPROM IC (IC902), enter the Service mode. Next, enter the standard data or the previous EEPROM IC data before replacement. And then check and adjust any items related to Geometric, Picture, Option.

4-2 Factory Data

☞ **DVI connection item is corresponded to DVI application model.**

4-2-1 Defection

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
V Amp		0 ~ 63	31	-	-	variable
V Shift	32	0 ~ 63	29	-	-	fix
H EW		0 ~ 63	31	-	-	variable
H Shift	32	0 ~ 63	31	-	-	fix
V Linearity	6	0 ~ 15	7	-	-	fix
Upper Linearity	7	0 ~ 15	0	-	-	fix
Lower Linearity	8	0 ~ 15	0	-	-	fix
VSC	3	0 ~ 15	7	-	-	fix
H Parabola	10	0 ~ 63	31	-	-	fix
Upper Corner	32	0 ~ 63	31	-	-	fix
Lower Corner	32	0 ~ 63	31	-	-	fix
H Trapezium	32	0 ~ 63	31	-	-	fix
Bow	32	0 ~ 63	31	-	-	fix
Angel	32	0 ~ 63	31	-	-	fix
V Position	32	0 ~ 63	31	-	-	fix
CXA Left Blk	35	0 ~ 63	35	-	-	fix
CXA Right Blk	35	0 ~ 63	35	-	-	fix

4-2-2 480P Offset

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
V Amp	0	-63 ~ 63	-	0	-	variable
V Shift	0	-63 ~ 63	-	0	-	variable
H EW	0	-63 ~ 63	-	0	-	variable
H Shift	0	-63 ~ 63	-	0	-	variable
V Linearity	0	-15~ 15	-	0	-	fix
Upper Linearity	0	-15~ 15	-	0	-	fix
Lower Linearity	0	-15~ 15	-	0	-	fix
VSC	0	-15~ 15	-	0	-	fix
H Parabola	0	-63 ~ 63	-	0	-	fix
Upper Corner	0	-63 ~ 63	-	0	-	fix
Lower Corner	0	-63 ~ 63	-	0	-	fix
H Trapezium	0	-63 ~ 63	-	0	-	fix
Bow	0	-63 ~ 63	-	0	-	fix
Angel	0	-63 ~ 63	-	0	-	fix
V Position	0	-63 ~ 63	-	0	-	fix
CXA Left Blk		-63 ~ 63	-	28	-	fix
CXA Right Blk		-63 ~ 63	-	36	-	fix

4-2-3 1080i Offset

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
V Amp	0	-63 ~ 63	-	-	0	variable
V Shift	0	-63 ~ 63	-	-	0	variable
H EW	0	-63 ~ 63	-	-	0	variable
H Shift	0	-63 ~ 63	-	-	0	fix
V Linearity	0	-15~ 15	-	-	0	
Upper Linearity	0	-15~ 15	-	-	0	
Lower Linearity	0	-15~ 15	-	-	0	
VSC	0	-15~ 15	-	-	0	
H Parabola	0	-63 ~ 63	-	-	0	
Upper Corner	0	-63 ~ 63	-	-	0	
Lower Corner	0	-63 ~ 63	-	-	0	
H Trapezium	0	-63 ~ 63	-	-	0	
Bow	0	-63 ~ 63	-	-	0	
Angel	0	-63 ~ 63	-	-	0	
V Position	0	-63 ~ 63	-	-	0	
CXA Left Blk		-63 ~ 63	-	-	63	
CXA Right Blk		-63 ~ 63	-	-	20	

4-2-4 CONVERGRNCE OFFSET

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
Offset Enable	0	0 ~ 1	0			variable
V Amp	15	-63 ~ 63	15			variable
V Shift	0	-63 ~ 63	0			variable
H EW	15	-63 ~ 63	15			variable
V Amp 1080i	15	-63 ~ 63	15			variable
V Shift 1080i	0	-63 ~ 63	0			variable
H EW 1080i	15	-63 ~ 63	15			variable

4-2-5 VIDEO ADJUST 1

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF-Copy	W/B Control Value	1080i	
R Cutoff	20	0 ~ 63	31	20	31	variable
G Cutoff	20	0 ~ 63	31	20	31	variable
B Cutoff	20	0 ~ 63	31	20	31	fix
Color On/Off	1	0 ~ 1		1		
CR offset	32	0 ~ 15	32			fix
CB offset	32	0 ~ 15	32			fix
R Driver	31	0 ~ 15	20	31	20	variable
G Driver	31	0 ~ 15	20	31	20	fix
B Driver	31	0 ~ 63	20	31	20	variable
Sub Bright	15	0 ~ 63		15		variable
Sub Contrast	7	0 ~ 15		7		variable
Sub Color	20	0 ~ 23		20		
SubTint	7	0 ~ 13	8(AV/SV/DVD/480P)		10	fix
CTI Level	1	0 ~ 3	1 (RF/AV/SV/DVD/480P/1080i)			fix
CDL AXIS	2	0 ~ 3	2			fix
LTI Level	0	0 ~ 3	1(RF/AV/SV/DVD/480P)		2	fix

4-2-6 VIDEO ADJUST 2

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
ABL Mode	3	0 ~ 3	3			fix
Gamma	2	0 ~ 3	1			fix
DPIC Level	3	0 ~ 3	3			fix
DC Trans	3	0 ~ 3	1			fix
ABL TH	15	0 ~ 15	15			fix
VM Level	2	0 ~ 3	2			fix
VM Coring	0	0 ~ 3	0			
VM f0	0	0 ~ 3	2 (RF/AV/SV/DVD/480P)		1	fix
VM Limit	0	0 ~ 3	0			
VM Delay	0	0 ~ 3	0 (RF/AV/DVD)		1 (480P)	fix
SHP CD	1	0 ~ 3	1			
SHP f0	0	0 ~ 1	0	1 (AV/SV/DVD/Comp2)		fix
SHP f1 & P/O	11	0 ~ 15	13 1 (RF/AV/SVHS/DVD/Comp2)			fix
AKB Time	13	0 ~ 31	16			
Y/C Delay	30	0 ~ 31	30			
PIP Y/C Delay	30	0 ~ 31	30			
BAND PASS F	1	0 ~ 7	1			
HIGH PASS F	3	0 ~ 7	3			

4-2-7 VIDEO ADJUST 3

ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
VSU	2	0 ~ 15	2	-	-	
Melody Volume	4	0 ~ 20	4	-	-	
H Comp	0	0 ~ 15	0	-	-	
V Comp	0	0 ~ 15	0	-	-	
Pin Comp	0	0 ~ 15	0	-	-	
AFC Comp	0	0 ~ 7	0	-	-	
Sync Comp	0	0 ~ 1	0	-	-	
NR Off Value	5	0 ~ 9	5	-	-	
V-Mute(x100ns)	8	0 ~ 10	8	-	-	

4-2-8 VIDEO ADJUST 4

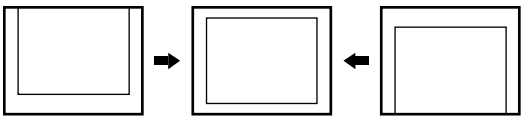
ITEM	INITIAL DATA	Range	EEP-ROM Copy Data			Remark
			RF	480P	1080i	
System RF	1	0 ~ 3	1			
System_VSD_480P	1	0 ~ 3		1		
System_1080i	2	0 ~ 3			2	fix
Shp_Fo_VSD_480P	1	0 ~ 1		1		
HPF_VSD	3	0 ~ 7	3	3 (AVS/SV/DVD)		
BPF_VSD	1	0 ~ 7	1	1 (AVS/SV/DVD)		fix
Chrm_bdwth_RF	28	0 ~ 63	28			fix
Chrm_bdwth_Video	28	0 ~ 63	28			fix
Chrm_bdwth_Svideo	30	0 ~ 63	30			fix
Chrm_bdwth_DVD	28	0 ~ 63	28			fix
IF_Comp_RF	2	0 ~ 7	2			fix
IF_Comp_Video	4	0 ~ 7	4			fix
IF_Comp_Svideo	5	0 ~ 7	5			fix
IF_Comp_DVD	4	0 ~ 7	4			fix
VM_Delay_480P	1	0 ~ 3		1		fix

4-2-9 OPTION

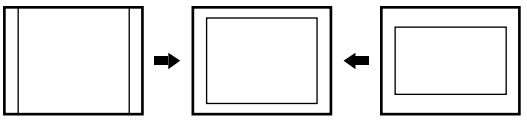
ITEM	INITIAL DATA	Range	HCM4216W,HCM4215W, HCL4715WB,HCM4715W (PCL5415RB,PCM5415R) HCM5525WB,PTH5598W	HCM422W,HCM473WB (PCL545RB,PCM545R) HCM553WB
CRT	WIDE	WIDE ↔ 4:3	WIDE(4:3)	WIDE(4:3)
PIP	ON	ON ↔ OFF	ON	ON
3D-Comb Filter	OFF	ON ↔ OFF	OFF	ON
Blue Screen	OFF	ON ↔ OFF	ON	ON
BBE Effect	ON	ON ↔ OFF	ON	ON
Auto power On	ON	ON ↔ OFF	ON	ON
System	CT	CT (EN+SP+ER)→CT-A(E+SP+F)	CT	CT
Virtual Dolby	OFF	ON ↔ OFF	OFF	OFF
ACS	ON	ON ↔ OFF	ON	ON
V chip (CT,CTA)	ON	ON ↔ OFF	ON	ON
V chop Area	USA	USA	USA	USA
Sub Woofer	OFF	ON ↔ OFF	OFF	OFF
No Sync Mute	ON	ON ↔ OFF	ON	ON
DVI	ON	ON ↔ OFF	OFF	OFF
AGC	OFF	ON ↔ OFF	OFF	OFF
Tubo Effect	OFF	ON ↔ OFF	OFF	OFF
Burst Screen	OFF	ON ↔ OFF	OFF	OFF
DW Multi	Large	Large ↔ Double	Large	Double
Letter Box	ON	ON ↔ OFF	ON	ON

4-3 Screen Change (When adjusting I²C Bus Geometric items)

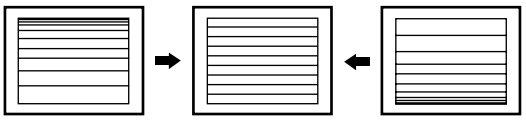
1 V SHIFT



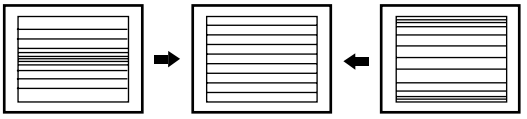
6 V SIZE



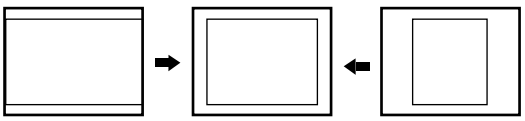
2 V LINEARITY



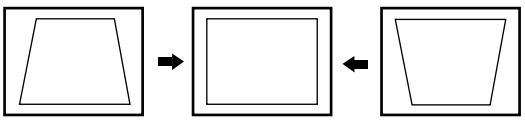
7 V - S - CORRECTION



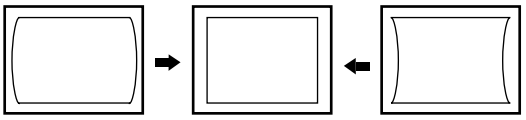
3 H SIZE



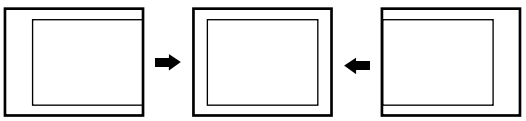
8 PIN PHASE



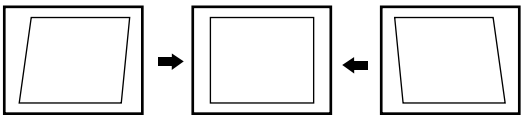
4 PIN AMP



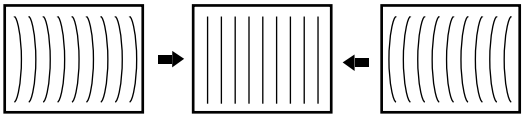
9 H SHIFT



5 V ANGLE



10 V BOW



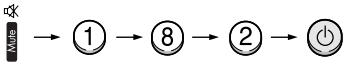
4-4 Other Adjustments

4-4-1 Screen Adjustment

1. Warm up the TV for at least 30 minutes.
2. Select the " STANDARD" Video mode.
3. Turn to the Video Mode (No Signal) using a remote-control.
4. Connect an oscilloscope to RK,GK,BK.
5. Adjust the VR (VR501, VR531, VR561) screen so that RK, GK, BK pulse is 20Vp-p each. (Turn the R,G,B VR screen fully counterclockwise in the area of each flyback line.)

4-4-2 White Balance Adjustment

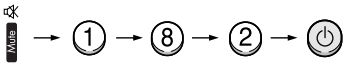
1. Select the "STANDARD" video mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote-control keys in the following sequence:

4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the Volume keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive, and B-drive by pressing the Volume keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo adjustments 6~9.
11. Press the Menu key to exit.

4-4-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control keys in the following sequence :

3. Select SBT by pressing the Volume keys.
4. Adjust so that the 63 step on the right side of the screen is not seen (Use the Volume keys).
5. Press the Menu key to exit.

4-4-4 High Voltage (29KV) Check

PRECAUTION

1. Input a lion head pattern.
2. Select "STANDARD" video mode.
3. Warm up the TV for at least 10 minutes.
4. Use a 1000:1 probe.

ADJUSTMENT

1. Connect the (+) terminal of the 1000:1 probe to the high voltage distributor and the (-) terminal to GND (located on the deflection board).
2. Adjust RR471S (located on the deflection board) so that the digital meter indicates DC 29V ± 0.1V.

4-4-5 F.S. (Fail Safe) Adjustment

Note : The finished product has a well-mounted VR (RR402S).
If necessary, do the F.S. adjustments in the following sequence.

1. Use a digital multimeter.
2. Connect the digital multimeter to the JIG pin (DZ482S) terminals
3. Adjust VR (RR402S) so that the voltage becomes 2.25V.
4. After the adjustments are complete, be sure to mount VR (RR402S) correctly.

4-4-6 F.S. (Fail Safe) Circuit Check

Note : The F.S. Circuit check must be performed after servicing.

1. Turn on the TV.
2. Select the “STANDARD” video mode.
3. Short F/S Test point (located on the SUB PCB). Then, both sound and picture disappear. (Note: Even if the shorted terminals are removed, both sound and picture do not appear. This proves the F.S. circuit is working.)
4. To restore both sound and picture, turn off the TV and reset it after about 30 seconds.

4-4-7 Static Focus Adjustment

PRECAUTION

1. Select the “STANDARD” video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus. (See Fig, 4-1)

STATIC FOCUS (CONTINUED)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance.
Figure Crosshatch Pattern
Examine these points together.

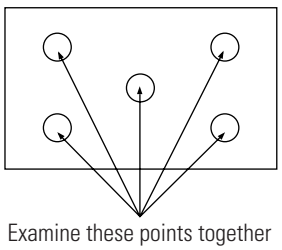


Fig. 4-1 Crosshatch Pattern.

4-4-8 Lens Focus Adjustment

PRECAUTIONS

1. Do this adjustment after the static focus adjustment and the tilt adjustment.
2. Select the “STANDARD” video mode. (Contrast:100, Brightness:50)
3. Input a crosshatch pattern.

ADJUSTMENT

1. Loosen the lens screws.
2. Cover the two lenses that are not being adjusted.
3. Adjust the lens, observing the color aberration vertically and horizontally within 3 blocks of the center of the crosshatch pattern.
4. When the lens is turned clockwise, the color aberration will change as follows:

Lens	Color Aberration Change
R	Orange - Crimson
G	Blue - Red
B	Purple - Green

5. Green lens adjustment:
Set the lens at the point where Blue just changes to Red. If the color aberration is irregular throughout the picture screen, adjust the lens to show Red color aberration (approximately 1~3 mm area) within a 3-block grid around the horizontal center-line. If the color aberration is irregular, adjust the lens as shown in the diagram below. (Accurate alignment of Green is important for overall color quality.)
6. Red lens adjustment
Set the Red lens at the point where Orange becomes Crimson.
7. Blue lens adjustment
Set the Blue lens at the point where Purple becomes Green.

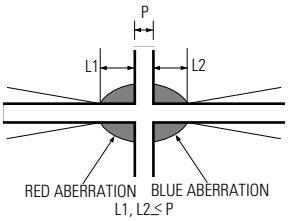
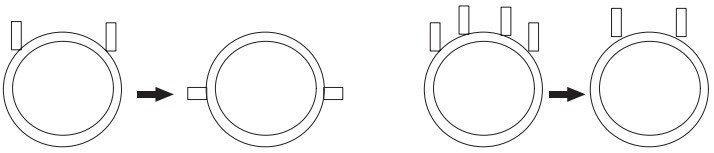


Fig. 4-2 Color Aberration

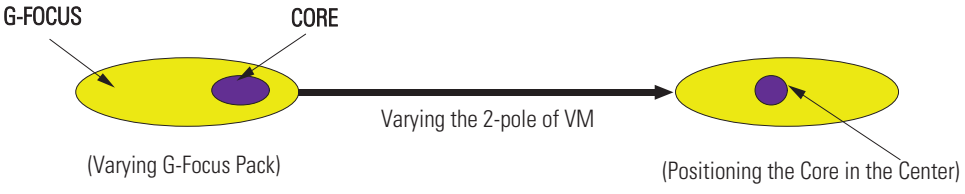
4-5 Beam alignment Adjustments

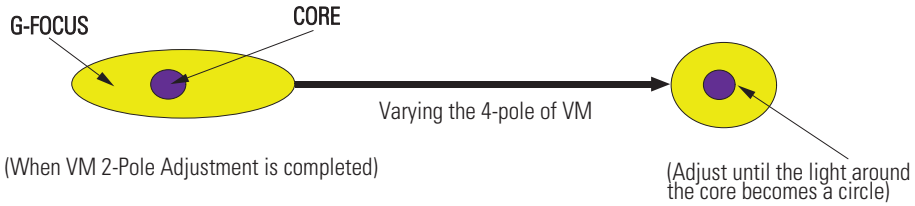
1. Select the “STANDARD” video mode.
2. Warm up the set at least for 10 minutes.
3. Enter the Convergence mode by pressing the remote control buttons in the following sequence
   : Mute → 1 → 8 → 3
4. Set the Beam Alignment Adjustment CY to Zero magnetic field area.



(Creation of CPM Zero Magnet) (Creation of the 2-pole/4-pole zero magnets)

5. Check the squarewave at the point where the focus is misaligned (Use an audio oscillator).
6. Press the PIP button on the remote control, and a vibrating dot-pattern appears.
7. Adjust the Focus-pack VR for defocusing.
8. Mute the other patterns (R/B) other than G-PATTERN.
   (Use +100 / Pre-CH buttons on the remote control.)
9. Adjust the 2, 4 polarities of VM-COIL as shown in figure below.
10. Adjust the G-Focus until any light around the core disappears.




G-FOCUS
CORE
Varying the 4-pole of VM
(When VM 2-Pole Adjustment is completed)
(Adjust until the light around the core becomes a circle)

11. Adjust G-Focus so that the surrounding flash can disappear from the spot.
12. After G-Focus adjustments are complete, adjust R-Focus as above procedures.
13. The B-CRT adjustments can be omitted because the variance of beam focus is small.
    (Only Vm-coil is mounted.)
14. Adjust the Focus-pack VR for fine focusing.
15. Press the PIP button on the remote control, and the mode changes to the Convergence Adjustment mode.
16. Press the S.Mode button on the remote control to return to normal viewing.

4-6 Hige Voltage Part

4-6-1 PWM REG Circuit

For the existing high voltage REG circuit (input voltage variation type), a dynamic REG response is not provided. So it is difficult for both beam linearity and uniformity in screen size to be maintained on the screen with rapidly changing beams.

A PWM (Pulse Width Modulation) type of high voltage, however, provides the maintenance of beam linearity and uniformity in screen size via a quick response to beam change by performing sync lock every 1H line, and detecting beam fluctuation at 1H line, and then controlling the IC current of high voltage output circuit.

1. High Voltage Fluctuation Detect (DC Detect)

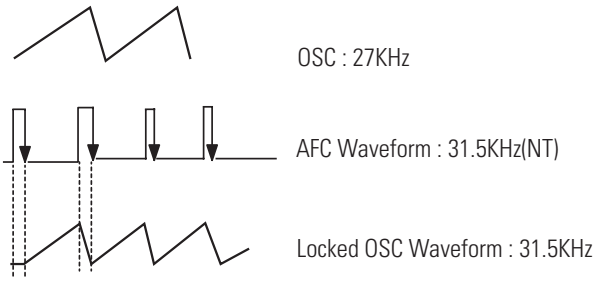
FBT pin 11 detects DC high voltage fluctuation. The detected DC high voltage value is input to PWM IC471 pin1 through R473, VR471, R471, and then it is input to a differential AMP circuit that differentiates the gap after comparing with the reference voltage input to pin2.

2. High Voltage Fluctuation Detect (AC Detect)

To check AC high voltage fluctuation, the output from FBT is detected by using a capacitor inside the high voltage distributor. The detection of AC high voltage fluctuation, a detection of dynamic beam current change is required in order to keep beam linearity and uniformity in size.
Regarding the capacitor, a capacity of less than 3000P should be applied to a PWM type. (The existing type needs a capacity of about 6000P.)
AC detect circuit eliminates unnecessary high frequency by using C476, D472. Also, AC gain is limited to + / - 0.7V (D472). This AC gain is combined with the detection value of DC high voltage fluctuation by using C478.

3. PWM IC OSC Sync Lock

A PWM type IC needs sync lock for PWM pulse and horizontal scan line.
The standard time constant of OSC circuit is determined by C487, R475 (PWM IC pins 5 and 6). And the standard OSC frequency is about 27 kHz . The horizontal frequency of scan line is 31.5kHz(NT), 3375kHz(DTV), 15.75kHz(Interface), so sync lock for this horizontal frequency should be performed using sync lock circuit. The sync lock circuit consists of Q481(Tr KSC815-Y), D479, D478, and C492. The input AFC signal is connected to PWM IC pin 5 through D479 so that it can be negative Trig.

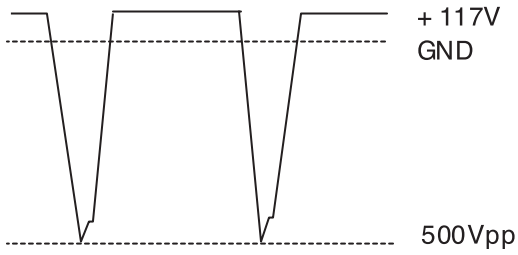


4. Dead Time (HV Protect)

Dead Time (PWM IN pin4) consists of C481, delays high voltage for a certain time to soft start in power on, a x-ray protection circuit.
The voltage of Dead Time is detected by FBT pin7 and through DC Feedback. The normal voltage of Dead Time is +27V. When high voltage increases, however, detected voltage is in proportion to high voltage. Then, the detected voltage is applied to ICR01S(TL431).
If the voltage is over 2.5V (normal:about 2.25V), TL431 turns ON, the base port of QR401S becomes low, and then an emitter current flows. At this time, a high voltage protection point is set. When QR401S turns ON, high voltage is applied to PWM IC pin4 and then muted.

5. Output Circuit

The voltages, which are detected form an error detection circuit of PWM IC (Differential AMP) and Dead Time, each is applied to PWM conparator . Due to these detection coltages, Q1, Q2 (Output TR) parallel operate. Q482 (External TR), however, functions as a buffer; natches inpedance between the output port of PWM IC and the final output TR(IRFS640). The PWM pulse (applied to the final output FET (IRFS640 GATE) varies the IC current of high voltage TR(Q473) by adjusting the load impedance of starage Trans (T431). Due to this variation of current, the gain for Q473 emitter pulse changes T444(FBT)makes this emitter pulse became high voltage. Such change keeps both dynamic and static changes fixed. The output waveform of high valtage TR emitter is as shown in the figure below.



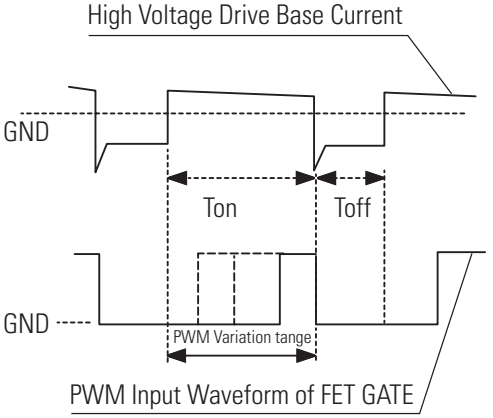
6. Paraneters according to beam

To maintain the set high voltage value (31kV), parmaters such as +Ve (DC), Vcp High Voltage change (See the table below).

Factor of high voltage change	Parameters			
	Width of FET Gate Pulse	+ Ve (DC)	Vcp	High Voltage
Beam ↓ (High voltage ↑)	↓	↑	↓	↓
Beam ↓ (High voltage ↑)	↑	↓	↑	↑

7. Response Waveform

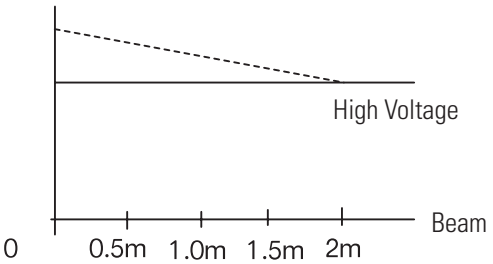
To reduce unstable high voltage fluctuation, the existing high voltage type REG circuit controls dynamic fluctuation by using C-block capacitor. But, it can't detect actual dynamic fluctuation. Also, its velocity of response to static fluctuation is late because +B power supply changes per about 1V. A PWM modulation type REG detects static, dynamic high voltage fluctuation for only Ton Time (when the current of the output TR collector flows) each 1H, and modulates the width of PWM pulse. So, this PWM type has better improvement in the characteristic of high voltage REG as compared to the existing type.

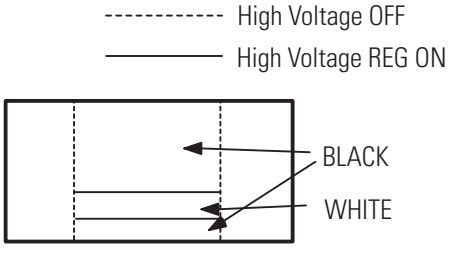


8. Application Effects

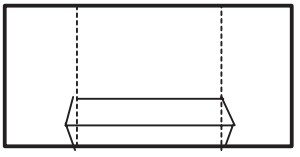
1) Improvement of horizontal size fluctuation
2) Linearity improved
3) Embodiment of X-ray protection circuit

The figures below show characteristics when a PWM high voltage REG circuit is applied.





PWM type



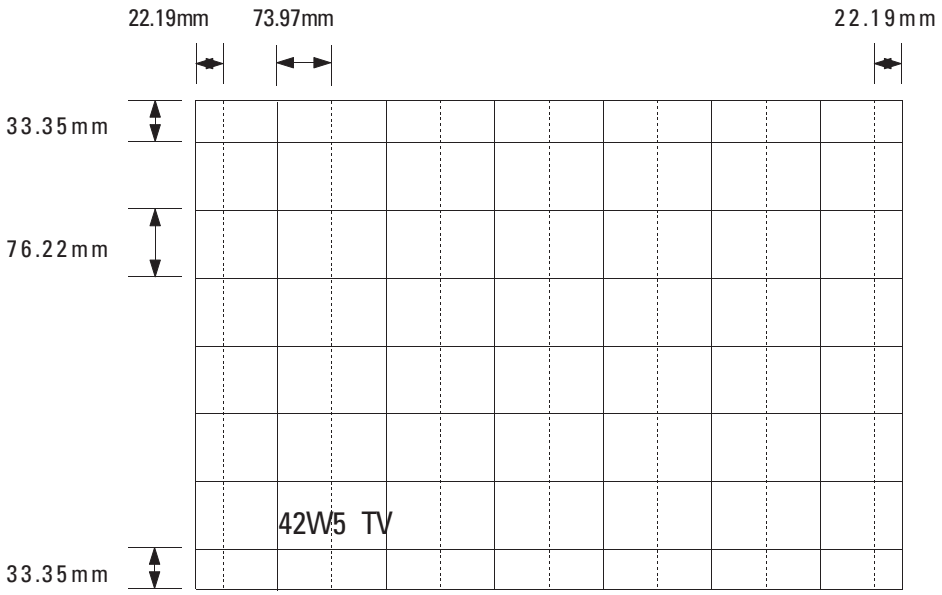
When a Toshiba Pattern is recrived, the screen is displayed as shown in figute side

Existing type

4-7 Screen-Jig

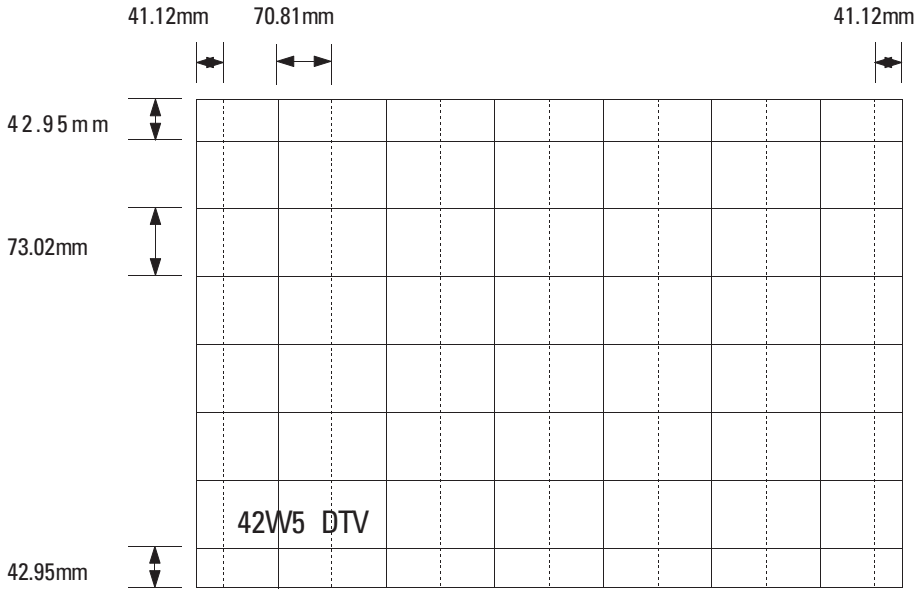
4-7-1 HCM4215W/HCM422W/HCM4216W (NORMAL MODE)

42W5ScreenSize:X932,Y524(X:378=9*2+30*12,Y:440=28*2+64*6)



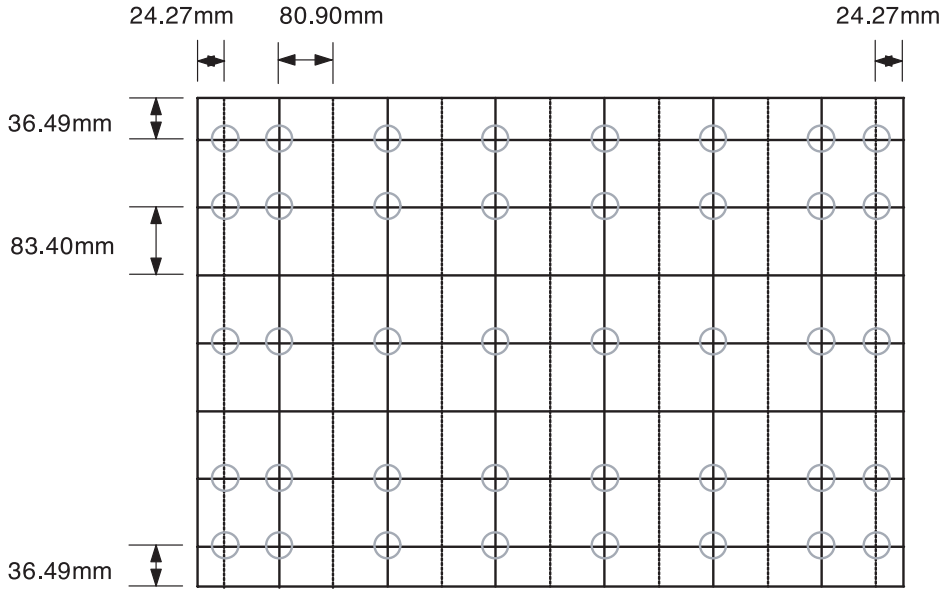
4-7-2 HCM4215W/HCM422W/HCM4216W (DTV MODE)

42W5 DTV Mode : X 932, Y 524 (X:408=18*2+31*12, Y:488=40*2+68*6)



4-7-3 473W/4715W (NORMAL MODE)

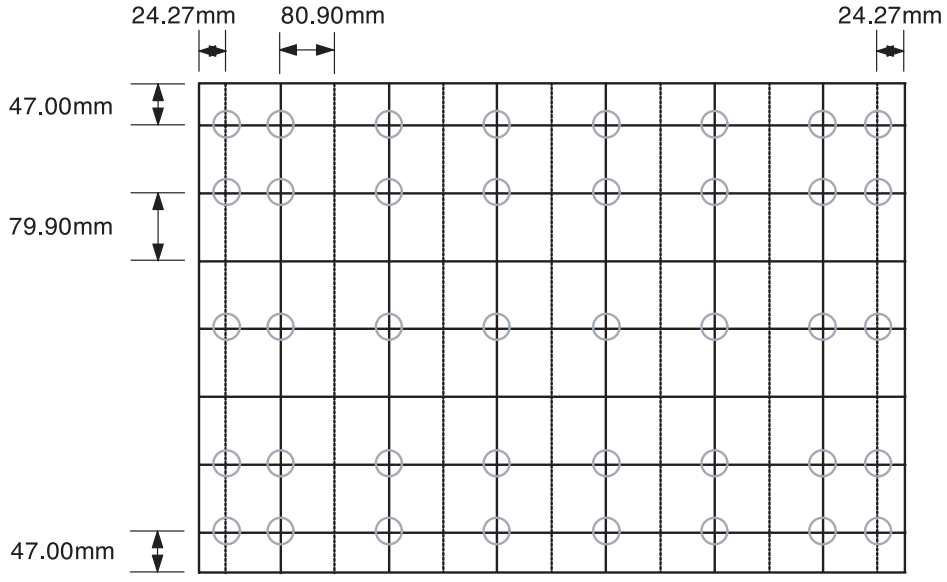
Screen Size : X 1019.4 Y 573.4(X:378=9*2+30*12, Y:440=28*2+64*6)



Note: "O" Cursor Point

4-7-4 473W/4715W (DTV MODE)

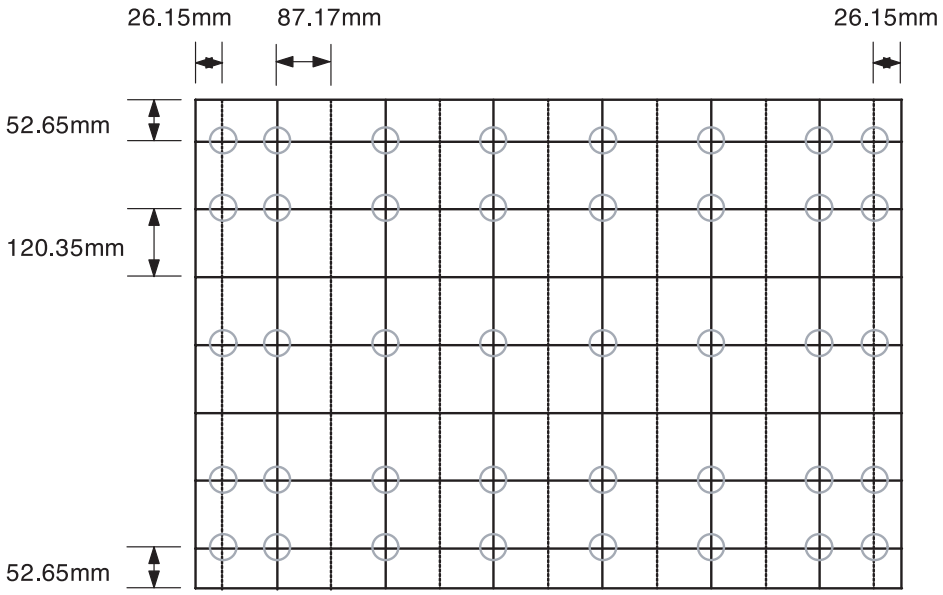
Screen Size : X 1019.4 Y 573.4 (X:378=9*2+30*12, Y:488=40*2+68*6)



Note: "O" Cursor Point

4-7-5 5415R/545R/54J9 (NORMAL MODE)

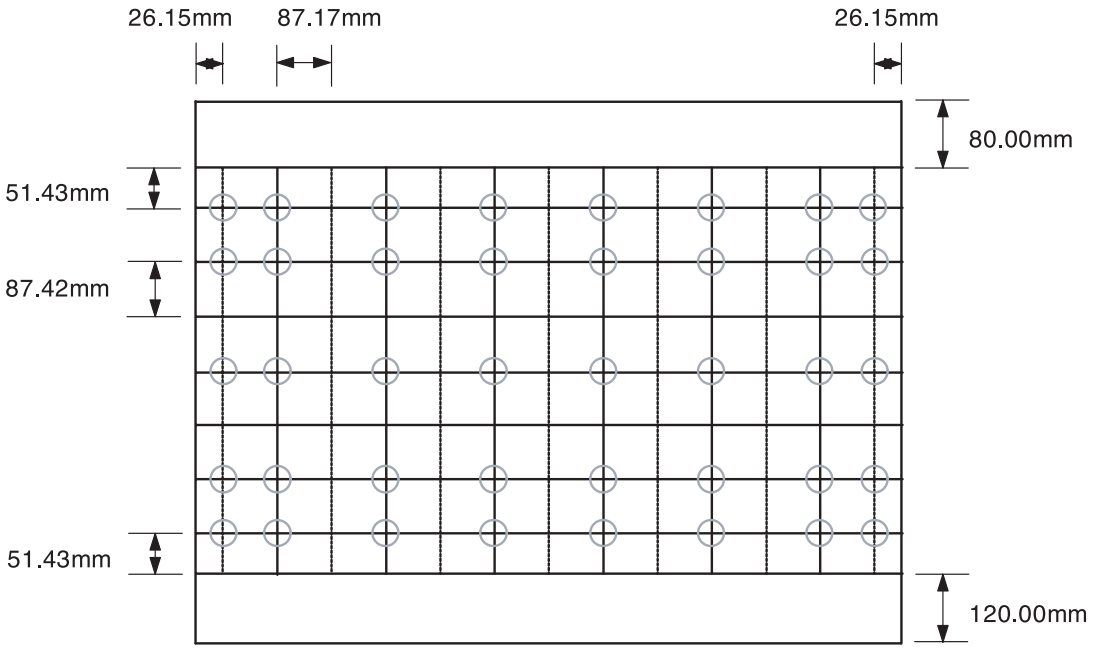
Screen Size : X 1098.4, Y 827.4 (X:378=9*2+30*12, Y:440=28*2+64*6)



Note: "O" Cursor Point

4-7-6 5415R/545R/54J9 (DTV MODE)

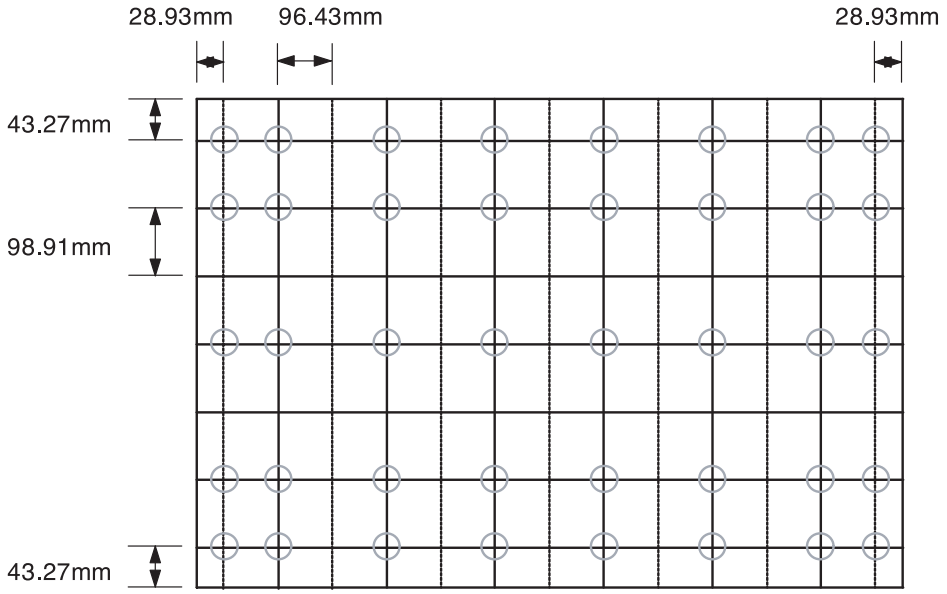
Screen Size : X 1098.4, Y 627.4(X:378=9*2+30*12, Y:488=40*2+68*6)



Note: "O" Cursor Point

4-7-7 552W/5515W/5525W/553W/PTH5598 (NORMAL MODE)

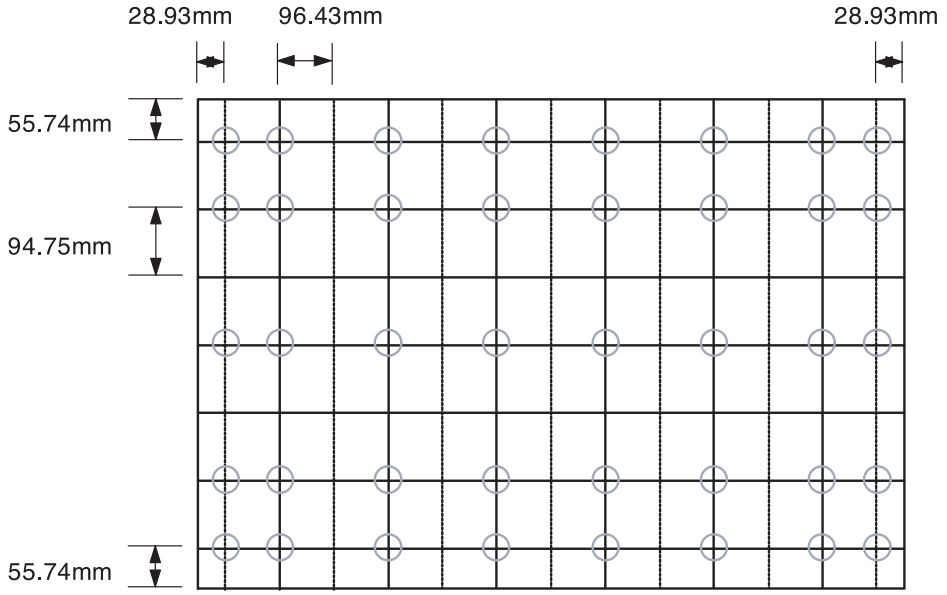
Screen Size : X 1215, Y 680 (X:378=9*2+30*12, Y:440=28*2+64*6)



Note: "O" Cursor Point

4-7-8 552W/5515W/5525W/553W/PTH5598 (DTV MODE)

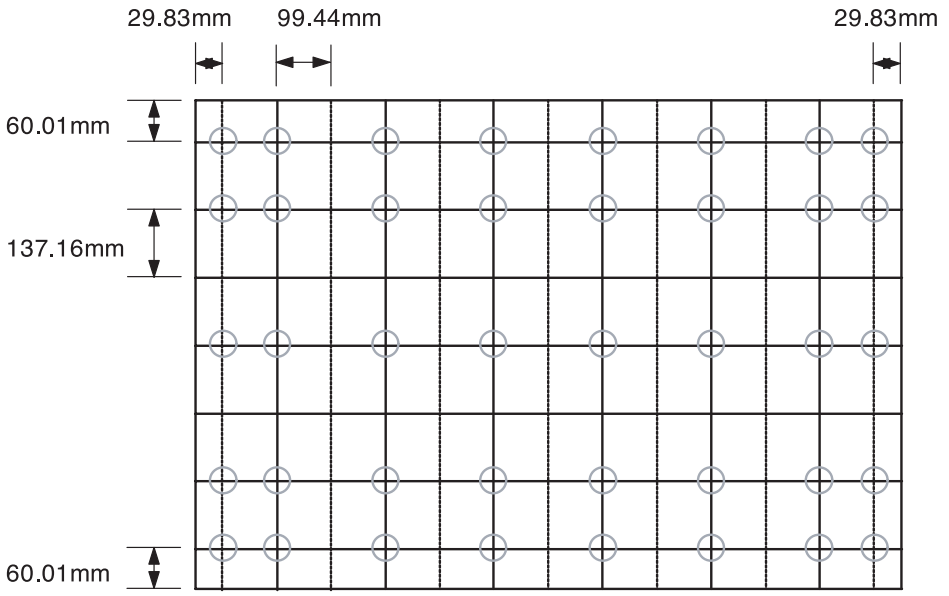
Screen Size : X 1215, Y 680 (X:378=9*2+30*12, Y:488=40*2+68*6)



Note: "O" Cursor Point

4-7-9 6215R (NORMAL MODE)

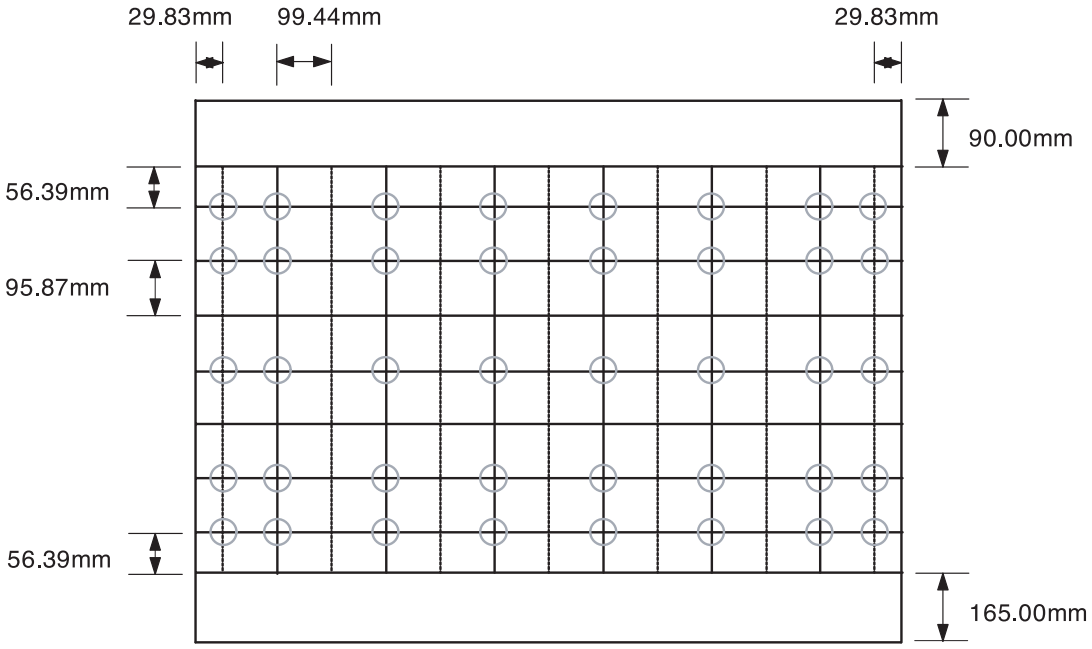
Screen Size : X 1253, Y 943 (X:378=9*2+30*12, Y:440=28*2+64*6)



Note: "O" Cursor Point

4-7-10 6215R (DTV MODE)

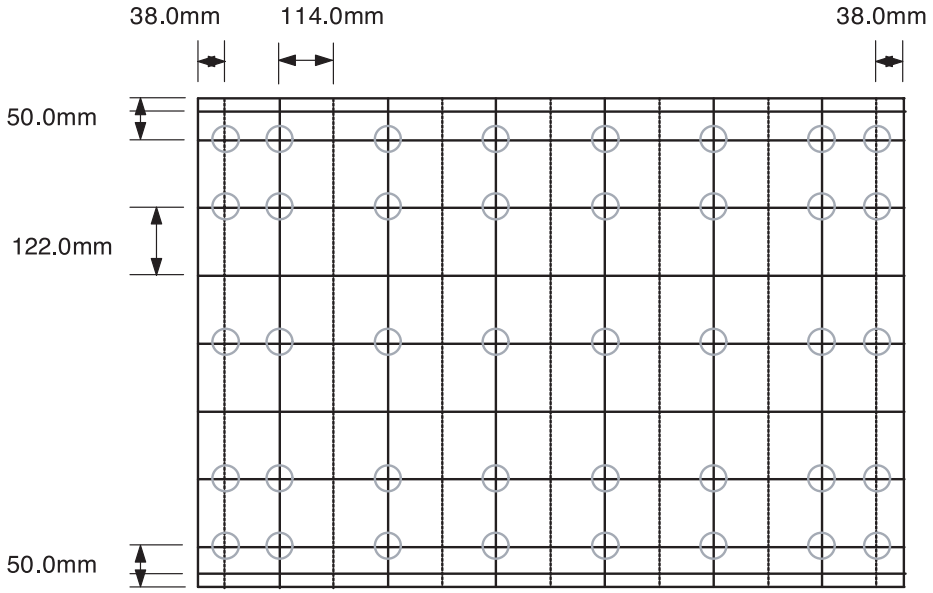
Screen Size : X 1253, Y 688+90+165(X:378=9*2+30*12, Y:488=40*2+68*6)



Note: "O" Cursor Point

4-7-11 652W/653W/6515R (NORMAL MODE)

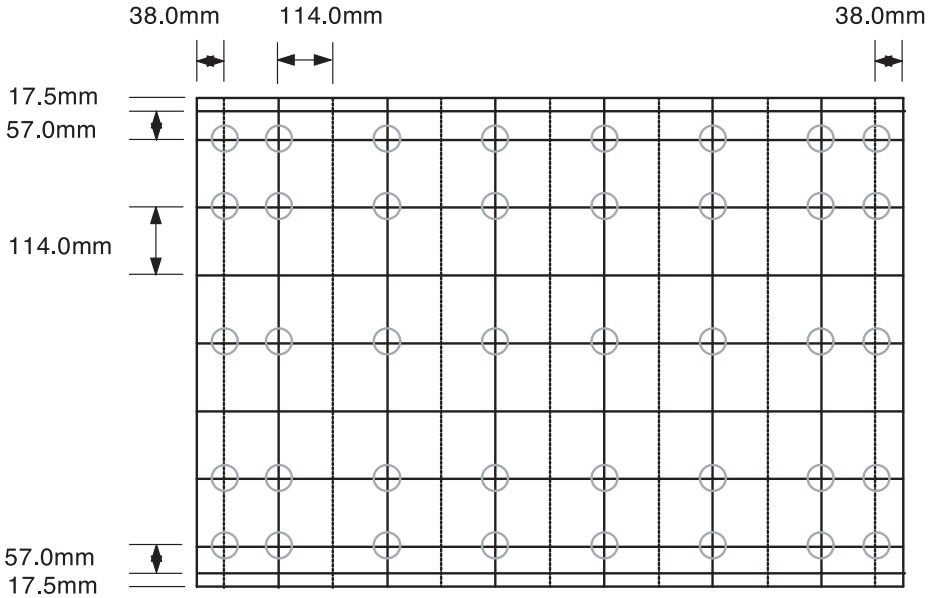
Screen Size : X 1444, Y 832 (X:378=9*2+30*12, Y:440=28*2+64*6)



Note: "O" Cursor Point

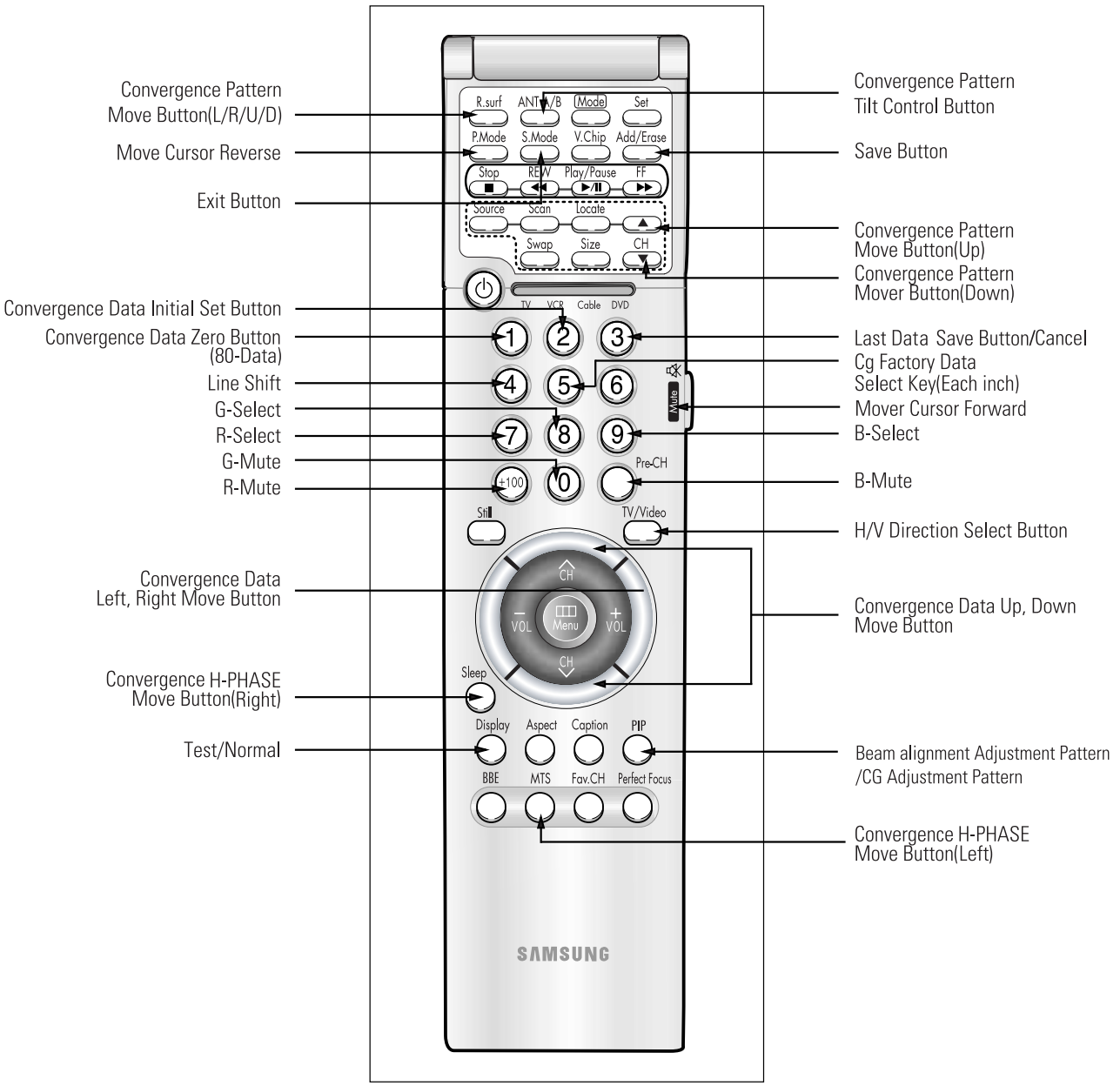
4-7-12 652W/653W/6515R (DTV MODE)

Screen Size : X 1444, Y 832 (X:378=9*2+30*12, Y:488=40*2+68*6)



Note: "O" Cursor Point

4-8 Remote Control for Servicing (Convergence Mode)



4-7-1 KEY Function

1. R-SELECT (7)
   Press to select RED color.

2. G-SELECT (8)
   Press to select GREEN color.

3. B-SELECT (9)
   Press to select BLUE color.

4. R-MUTE (+100)
   Press to mute RED color.

5. G-MUTE (0)
   Press to mute GREEN color.

6. B-MUTE (Pre-CH)
   Press to mute BLUE color.

7. CANCEL KEY (3)
   Press to revert to the previous data during the Convergence Adjustment.

8. TEST / NORMAL (Display)
   Press to check TV mode in the Convergence Mode.

9. LINE SHIFT (4)
   Press to move a line up / down or left / right.

10. FACTORY DATA SELECT BUTTON (2)
    Press to call the factory default values.

11. H / V DIRECTION SELECT BUTTON (TV/Video)
    Press to switch the cursor direction horizontally or vertically.

12. SAVE BUTTON (Add/Erase)
    After the Convergence Adjustments are completed, press to save data.

13 EXIT BUTTON (S.Mode)
   After the Convergence adjustments are completed, press to exit to TV mode.

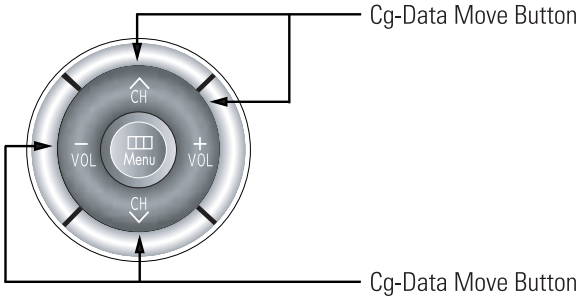
14. MOVE CURSOR FORWARD

Press to move the cursor right or down.

15. MOVE CURSOR REVERSE

Press to move the cursor left or up.

16. CONVERGENCE PICTURE MOVE BUTTON



17. CONVERGENCE MOVE BUTTON

Press to move the convergence left ( ) or right ( ) .

18. CONVERGENCE DATA ZERO BUTTON (1)
Press to zero the convergence correction data.

19. INITIAL DATA SET BUTTON (2)

Changes when applying Almighty-Cg, Module (How to extract the basic Cg Data)

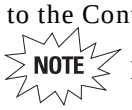
Inch (Type)	Model Name	Basic Data	Screen Display	Discription
	Representative Model	Number after entring the Cg-Mode		
42" (42W5)	422W/4215W 42W5/4216W	5-425 (Press in regular order)		
54" (54J9)	PCL545R/ PCL5415R	5-545 (Press in regular order)		White Cross on the background (white cross)
62" (62J9)	PCL6215R	5-625 (Press in regular order)		
55" (552W)	HCL552W/ 5515W	5-552 (Press in regular order)		White Oval on the background (white border)
65" (652W)	HCL652W/ 6515W	5-652 (Press in regular order)		White Oval on the background (white border)
47" (472W) (473W)	HCL472W/ 4715W	5-473 (Press in regular order)		White Square on the backgrand (white border)
65"(653W)	HCM653W	5-653 (Press in regular order)		White Square on the backgrand (white border)
55"(553W)	HCM5525W/ 553W	5-553 (Press in regular order)		White Square on the backgrand (white border)

20. Move Convergence Pattern P55A Service Manual

After pressing the R.surf button, use the Channel Up / Down and Volume + / - buttons to move the Convergence Pattern up / down / left / right.

21. Convergence Pattern Tilt Control Button

After pressing the ANT A / B button, use the Channel Up / Down and Volume + / - buttons to create a tilt to the Convergence Pattern.



Note : Use the following two buttons only when they are indispensable.

21. Beam aligment Adjustment Pattern achieve Button

4-8 Convergence Adjustment

4-8-1 Convergence Adjustment)

NOTE **Special Notes**

✏ A sensor is attached on the center of each side of the Convergence Mode pattern (see figure below). The sensors are required for normal Perfect Focus function.

✏ Use a screen jig to do the convergence adjustments correctly (Especially, perform correct convergence adjustments on the center of each side where a sensor is located.)

✏ Do the convergence adjustments correctly. Otherwise, any Perfect Focus error can happen.

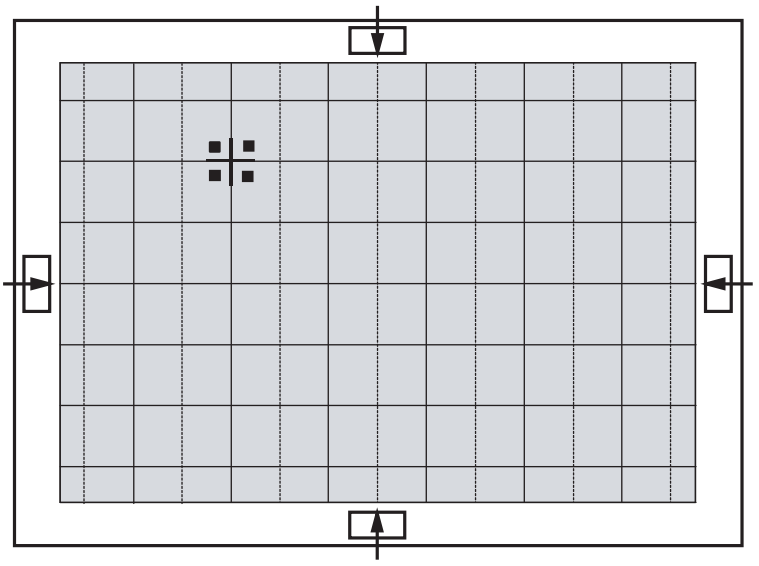
1. Warm up the TV for a least 30 minutes.

2. Input an NTSC Signal.(Use an antenna or AV source.)

NOTE Make sure that deflection yoke are properly adjusted so that the center of Green, Red, Blue pattern is aligned on the center of screen jig.

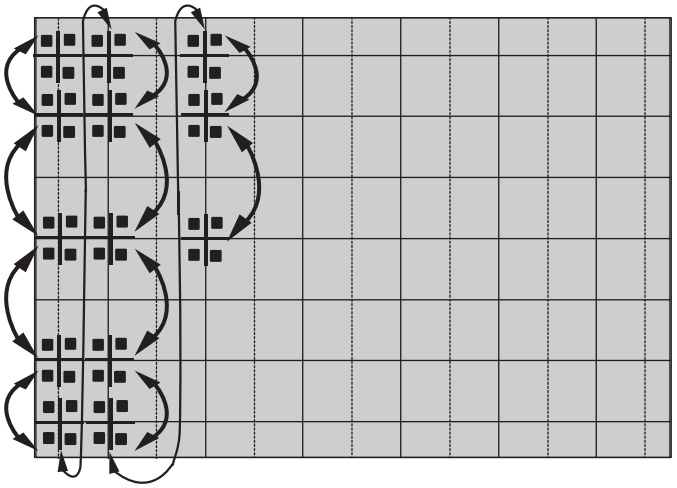
3. Enter the Convergence Mode by Pressing the remote control keys in the following sequence:

NOTE If OSD displayed as shown in figure below, press the S.Mode key to exit.
Then, redo step 3 to enter the Convergence Mode.
After entering the Convergence Mode, Stand by for about five seconds before doing the adjustments.



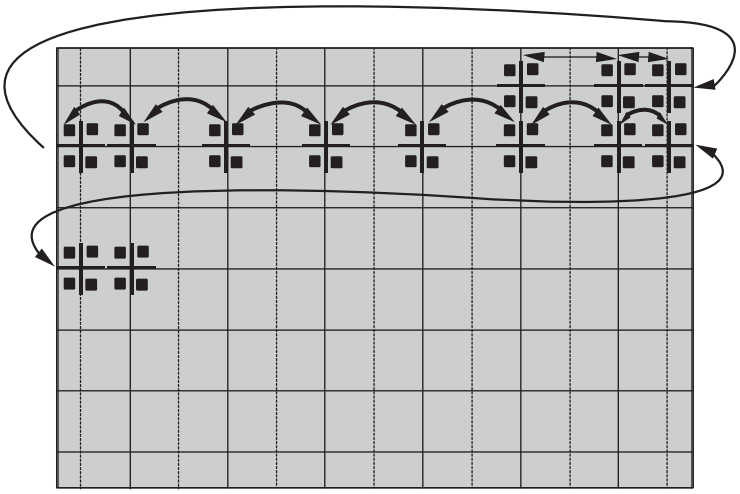
4. To adjust GREEN, first press the +100 and the Pre-CH keys, and then press the 8 key. Press to move the cursor right or down.

5. The TV/Video key moves the cursor horizontally or vertically.

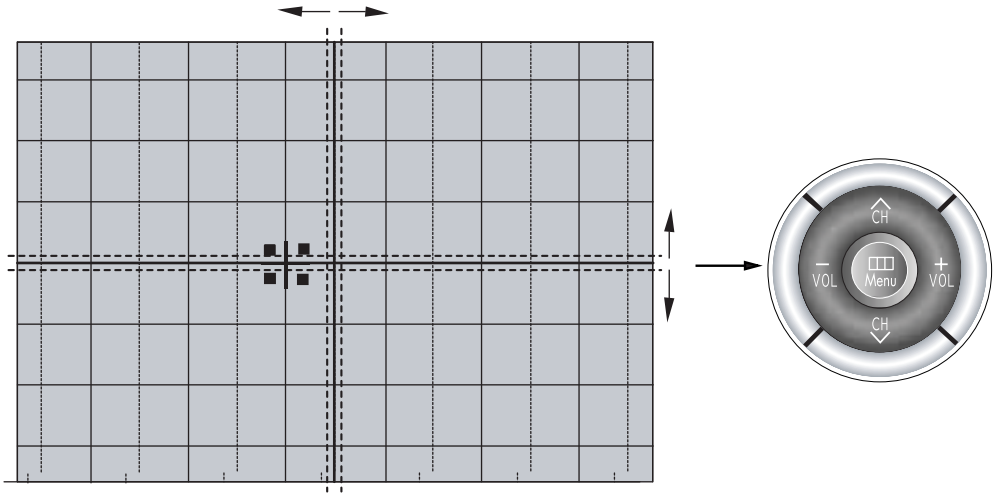


NOTE When the TV/Video key is pressed once again, the cursor moves horizontally.

6. . The Mute key moves the cursor right, and the P.Mode key moves the cursor left.



7. Use the (4) key for overall balance.

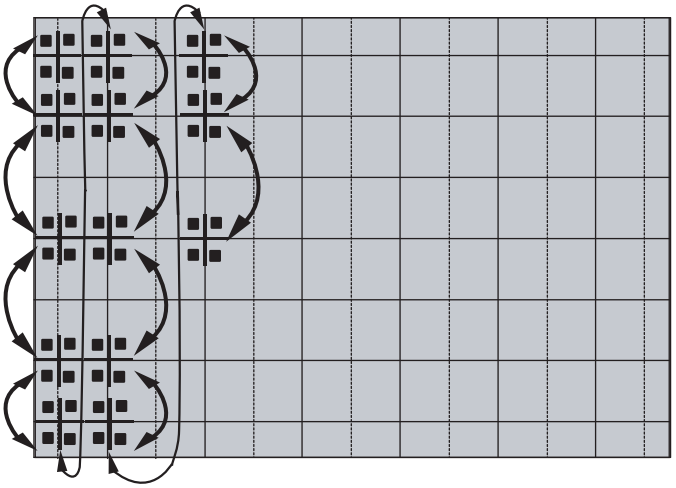


8. After the Line Shift is cancelled by pressing the (4) key, use the Channel and Volume keys (Up / Down)to make big adjustments.

9. After the green convergence adjustments are completed, press the Add/Erase key to save the data.

10. Superimpose the Red and Green colors by pessing the +100 and the 7 keys.

11. To adjust RED, redo steps 5~7.



When the cursor moves vertically TV/Video

12. To superimpose the blue and green colors, press (1) the +100 key for R-Mute, (2) the Pre-CH key to cancel the B-Mute, and (3) the 9 key for B- select

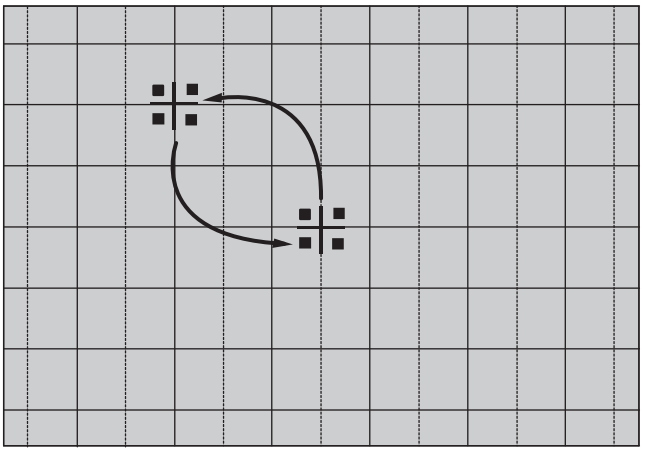
13. To adjust BLUE, redo steps 5~7, 13.

14. If any color is not properly adjusted when displaying the red, blue and green colors, readjust the color.

15. After the color adjustments are completed, pree the (Add/Erase) key to save the data.

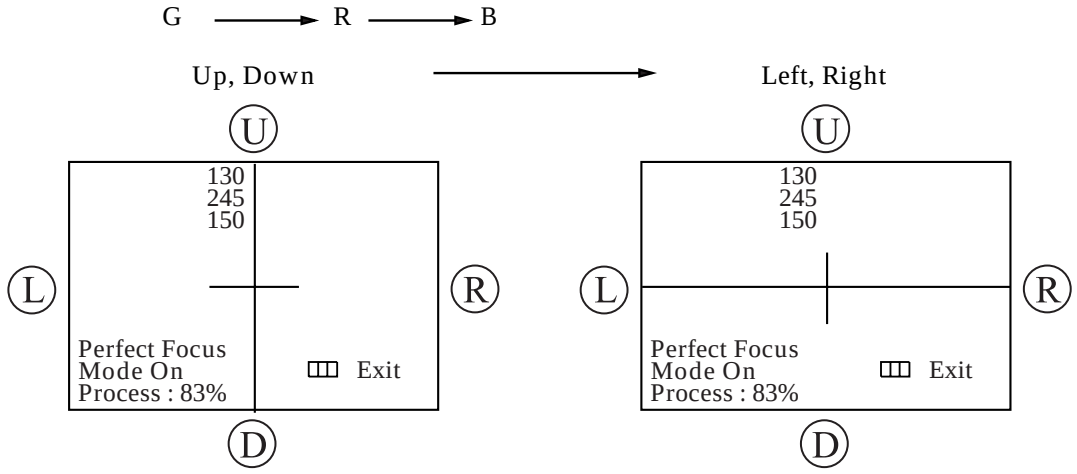
NOTE

The corser moves to center, and then automatically moves up and to the left about five seconds later.



4-8-2 Perfect Focus (Factory Mode)

1. After the adjustment is completely saved, press the perfecr Focus key to perform Auto Convergence (Factory Mode). Auto Covergence is porformed in the following sequences :



When auto Convergence is complete, the data is automatically saved and the convergence pattern revets.

NOTE

- After Factory Auto convergence is complete, make sure that the cursor flickers for about 1 second on the center and then it is saved.
- Check the presence of error though the flicker of the cursor.
- When any error happens, be sure to re-do Factory Auto Convergence.
- When Convergence Adjustment is not normally done or the convergence center is misaligned with the sensing point, any adjustment error happens. Therefore, be sure to use a screen jig to correctly adjust during troubleshooting.

2. After the Convergence Adjustments are completde, press the S.Mode key to exit.

3. DTV Convergence adjustment must be done same as the above Normal Mode Convergence Adjustment (Use a 16 : 9 screen jig for DTV)

NOTE

When Convergence Adjustment is not normally done or the convergence center is misaligned with the sensing point, any adjustment error happens. Therefore, be sure to use a screen jig to correctly adjust during troubeshooting.

4-9 MICOM and Pins Voltage

4-9-1 MICOM MODULE Pins

PIN NO	ITEM	FUNCTION	VOLT
1	KEY 1	KEY SCAN 1	2.28[V]
2	PRO TECT	PROTECT PORT	0.83[mV]
3	KEY 2	KEY SCAN 2	2.25[V]
4	GND	GND	-
5	KEY 3	KEY SCAN 3	2.29[V]
6	STB-5[V]	VCC	4.91[V]
7	IR IN	REMOCON INPUT	3.74[V]
8	POWER	POWER ON/OFF RELAY CONTROL	1.03[V]
9	TIMER-LED	TIMER LED	2.07[V]
10	1080 i	1080i MODE SWITCHING	2.53[V]
11	GND	GND	-
12	V-RESET	VIDEO SIGNAL MUTE	2.84[mV]
13	SCL1	SERIAL CLOCK LINE 1	3.43[V]
14	GND	GND	-
15	SDA1	SERIAL DATA LINE 1	3.49[V]
16	S-RESET	SOUND RESET	4.21[V]
17	ST-BY-LED	STANDY-BY LED	2.95[V]
18	RESET	RESET	2.47[V]
19	AMP-MUTE	SOUND AMP MUTE	0.89[mV]
20	N.C	N.C	-
21	GND	GND	-
22	SW1	SW1 (CONTROL)	4.58[V]
23	SCL2	SERIAL CLOCK LINE 2	3.27[V]
24	C-SPK-MUTE	CENTER SPEAKER MUTE	3.26[V]
25	SDA2	SERIAL DATA LINE 2	3.27[V]
26	SW3	SW3 (CONTROL)	5[mV]
27	GND	GND	-
28	SW2	SW2 (CONTROL)	2.08[V]
29	SUB-AFT	SUB AFT CONTROL	2.57[V]
30	GND	GND	-
31	MAIN-AFT	MAIN TUNER AFT CONTROL	1.04[V]
32	BUS-STOP	I^2C BUS STOP	3.27[V]

	ITEM	FUNCTION	VOLT
33	5[V]	5[V]	4.96[V]
34	J-BLANK	HORIZONTAL BLANK	215.8[mV]
35	GND	GND	-
36	V-BLANK	VERTICAL BLANK	-12.10[mV]
37	2RF-S	2RF-SWITHING	297.68[mV]
38	GND	GND	-
39	GND	GND	-
40	N.C	N.C	-
41	VS1	VERTICAL SYNC	-
42	N.C	N.C	-
43	HS1	HORIZONTAL SYNC	215.51[mV]
44	N.C	N.C	-
45	GND	GND	-
46	S-SW1	SUB TUNER SWITCH 1	3.74[V]
47	TTX-CVBS	TTX/CAPTION-CVBS	1.19[V]
48	GND	GND	-
49	GND	GND	-
50	S-SW2	SUB TUNER SWITCH 2	-
51	AV-LINK	NOT USE	-
52	M-SW1	MAIN TUNER SWITCH 1	-
53	GND	GND	-
54	M-SW2	MAIN TUNER SWITCH 2	-
55	RXD	RXD	-
56	GND	GND	-
57	TXD	TXD	-
58	OSD-TTX-R	ON SCREEN DISPLAY RED	168[mV]
59	GND	GND	-
60	OSD-TTX-G	ON SCREEN DISPLAY GREEN	0.46[V]
61	WP	WRITE PROTECT	-
62	OSD-TTX-B	ON SCREEN DISPLAY BLUE	0.46[V]
63	3.3[V]	3.3[V]	3.26[V]
64	OSD-TTX-FB	OSD/TTX-FB	7.31[mV]

4-9-2 PROSCAN MODULE Pins

PIN NO	ITEM	FUNCTION	VOLT
1	EW	EAST WEST OUT	2.26[V]
2	V-BLK	VERTICAL BLANK	-12.07[mV]
3	ABL	ABL(Automtic Brightness Limiter)	2.26[V]
4	VD-	VERTICAL DRIVE (- VOLTAGE)	3.46[V]
5	VD+	VERTICAL DRIVE (+ VOLTAGE)	3.53[V]
6	H-BLK	HORIZONTAL BLANKING	215.93[mV]
7	HD	HORIZONTAL DRIVE	2.38[V]
8	GND	GND	-
9	OSD/TTX-FB	OSD/TTX-FB	7.29[mV]
10	OSD/TTX-B	ON SCREEN DISPLAY BLUE IN	0.46[mV]
11	OSD/TTX-G	ON SCREEN DISPLAY GREEN IN	0.46[mV]
12	OSD/TTX-R	ON SCREEN DISPLAY RED IN	167.99[mV]
13	V-RESET	VIDEO SIGNAL MUTE	2.94[mV]
14	GND	GND	-
15	SCL1	SERIAL CLOCK LINE	3.42[V]
16	SDA1	SERIAL DATA LINE	3.50[V]
17	HS1	HORIZONTAL SYNC	251.4[mV]
18	VS1	VERTICLA OUT	27.28[mV]
19	GND	GND	-
20	CG-R	CONVERGENCE RED	0.27[mV]
21	CG-G	CONVERGENCE GREEN	0.27[mV]
22	CG-B	CONVERGENCE BLUE	0.29[mV]
23	CG-SYNC	CONVERGENCE SYNC	180.03[mV]
24	D/F	DYNAMIC FOCUS	1.5[V]
25	GND	GND	-
26	9[V]	9[V]	9[V]
27	GND	GND	-
28	N.C	N.C	-
29	RXD	RXD	-
30	TXD	TXD	-
31	GND	GND	-
32	13.5[V]	13.5[V]	14.05[V]

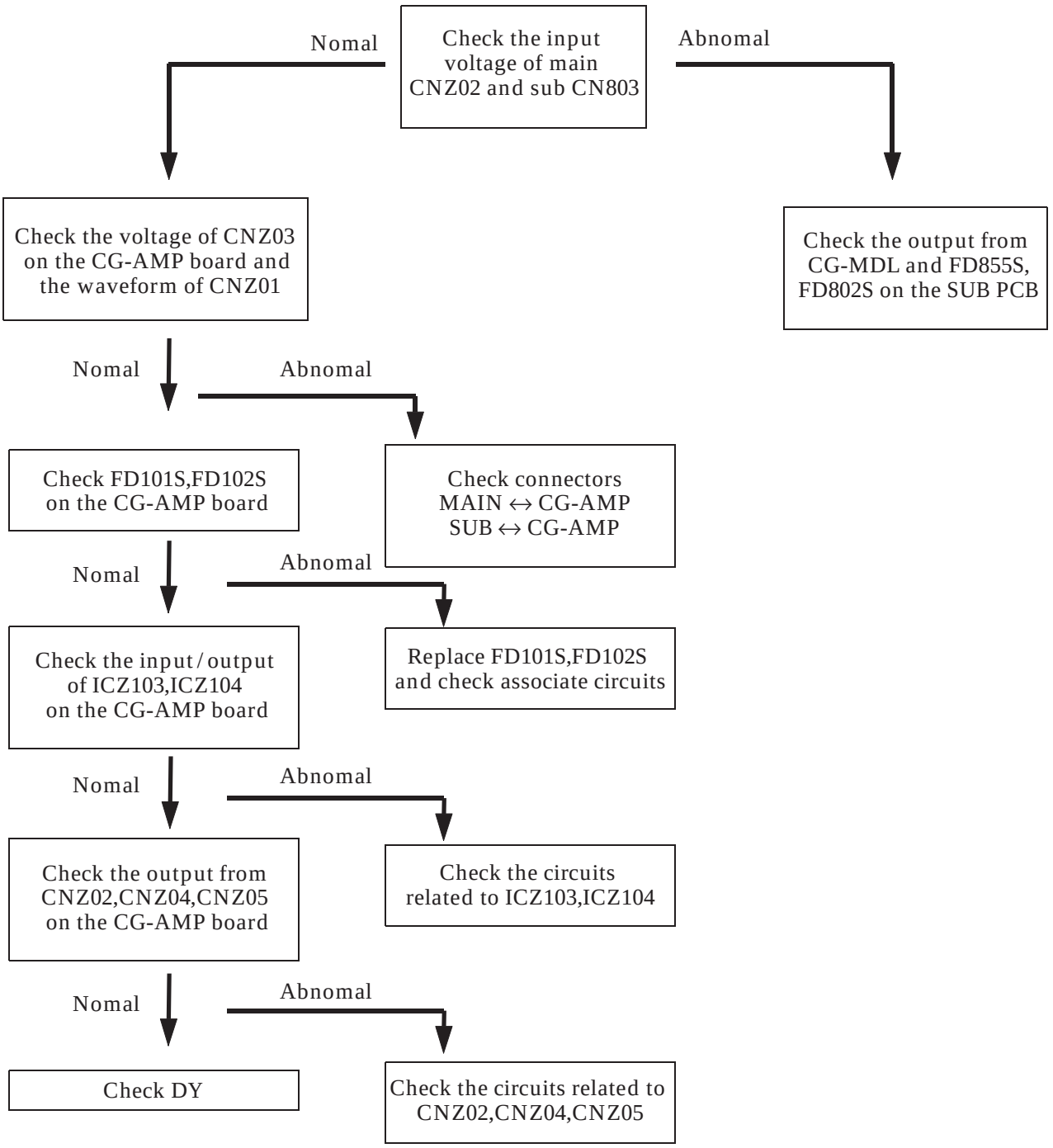
	ITEM	FUNCTION	VOLT
33	5[V]-DW1	5[V]-DW1	4.97[V]
34	VM-Y	VM-Y OUTPUT	1.97[V]
35	SW3	SW3 (CONTROL)	4.98[mV]
36	SW2	SW2 (CONTROL)	2.08[V]
37	SW1	SW1 (CONTROL)	4.58[V]
38	GND	GND	-
39	PIP-C	PIP-C INPUT	1.20[mV]
40	PIP-Y/C CVBS	PIP-Y/CVBS INPUT	1.33[mV]
41	GND	GND	-
42	MAIN-C	MAIN-C INPUT	1.34[mV]
43	MAIN-Y/C CVBS	MAIN-Y/CVBS INPIUT	1.57[mV]
44	N.C	N.C	-
45	GND	GND	-
46	N.C	N.C	-
47	GND	GND	-
48	RF2-CVBS	RF1-CVBS	-
49	DVD-Pr/R	DVD-Pr/R (COMPONENT1)	-
50	DVD-Y/G	DVD-Y/G (COMPONENT1)	-
51	DVD-Pb/R	DVD-Pr/B (COMPONENT1)	-
52	FB	NOT USE	-
53	GND	GND	-
54	DTV1-Pr	DTV1-Pr (COMPONENT3)	-
55	DTV1-Y	DTV1-Y (COMPONENT3)	-
56	DTV1-Pb	DTV1Pb (COMPONENT3)	-
57	GND	GND	-
58	DTV2-Pr	DTV2-Pr (COMPONENT3)	-
59	DTV2-Y	DTV2-Y (COMPONENT3)	-
60	DTV2-Pb	DTV2-Pb (COMPONENT3)	-
61	GND	GND	-
62	5[V]-DW2	5[V]-DW2	4.89[V]
63	DVI-ID	N.C	-
64	PC-ID	N.C	-

4-9-3 CONVERGENCE MODULE Pins

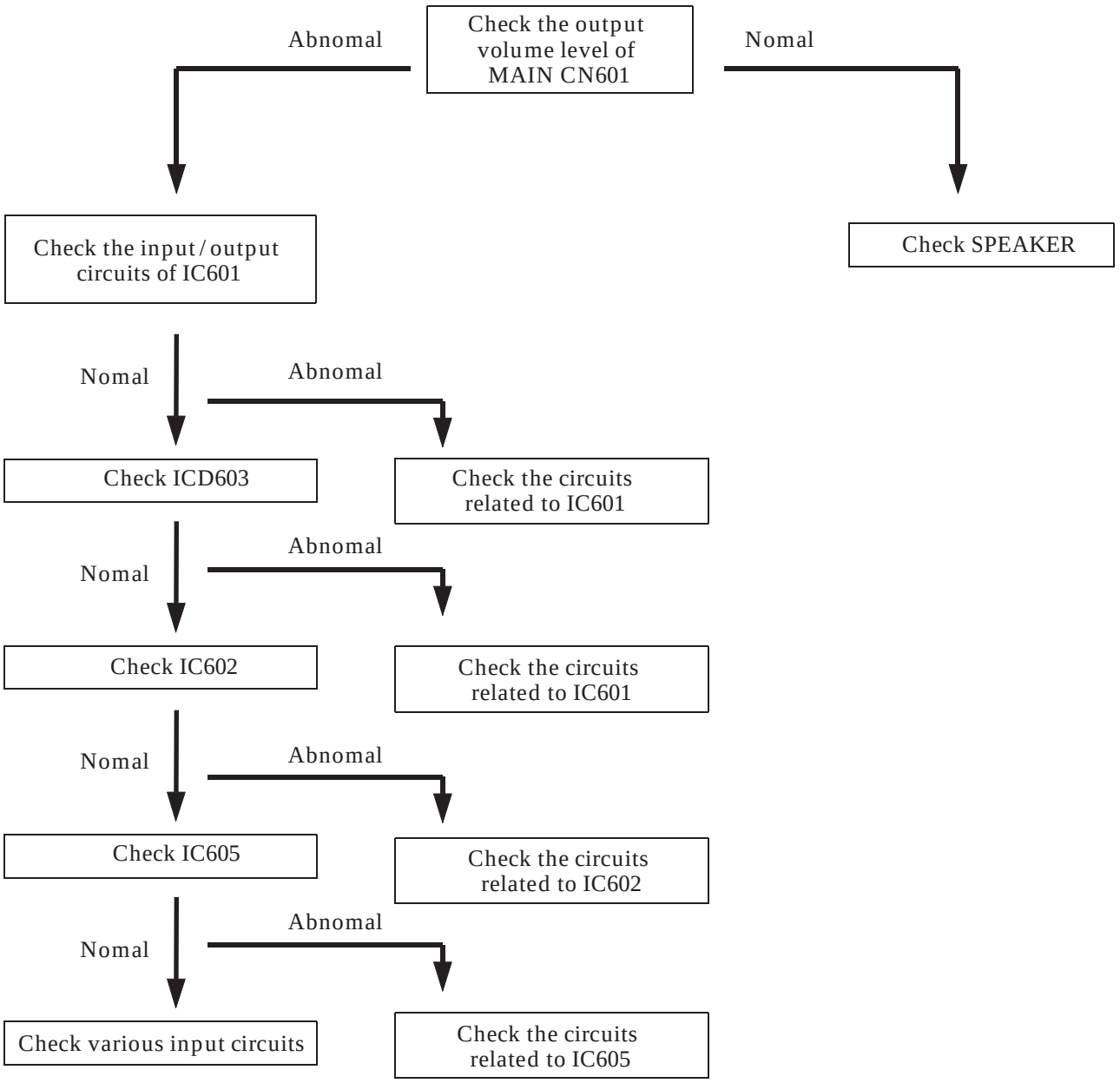
PIN NO	ITEM	FUNCTION	VOLT
1	5[V]-CG	5[V]-CG	5.2[V]
2	GND	GND	-
3	D/F	DYNAMIC FOCUS	1.5[V]
4	GND	GND	-
5	SCL1	SERIAL CLOCK LINE 1	3.4[V]
6	CG-SYNC	CONVERGENCE SYNC	179[mV]
7	GND	GND	-
8	N.C	N.C	5.2[V]
9	CG-R	CONVERGENCE RED	0.27[mV]
10	CG-G	CONVERGENCE GREEN	0.26[mV]
11	CG-B	CONVERGENCE BLUE	0.29[mV]
12	SDA1	SERIAL DATA LINE 1	3.5[V]
13	N.C	N.C	-
14	IR	INPUT REMOCON	3.7[V]
15	N.C	N.C	-
16	GND	GND	-
17	GND	GND	-
18	GND	GND	-
19	BV	BULE VERTICAL OUT	34.27[mV]
20	BH	BULE HORIZONTAL OUT	-107.32[mV]
21	GV	GREEN VERTICAL OUT	101.52[mV]
22	GH	GREEN HORIZONTAL OUT	-15.83[mV]
23	RV	RED VERTICAL OUT	104.32[mV]
24	RH	RED HORIZONTAL OUT	-88.95[mV]
25	GND	G N D	-
26	H-BLK	HORIZONTAL BLANK	275[mV]
27	V-BLK	VERTICAL BLANK	-13.22[mV]
28	GND	GND	-
29	N.C	N.C	-
30	-5[V]	-5[V]	-4.99[V]
31	5[V]	5[V]	5.24[V]
32	GND	GND	-

5. Troubleshooting

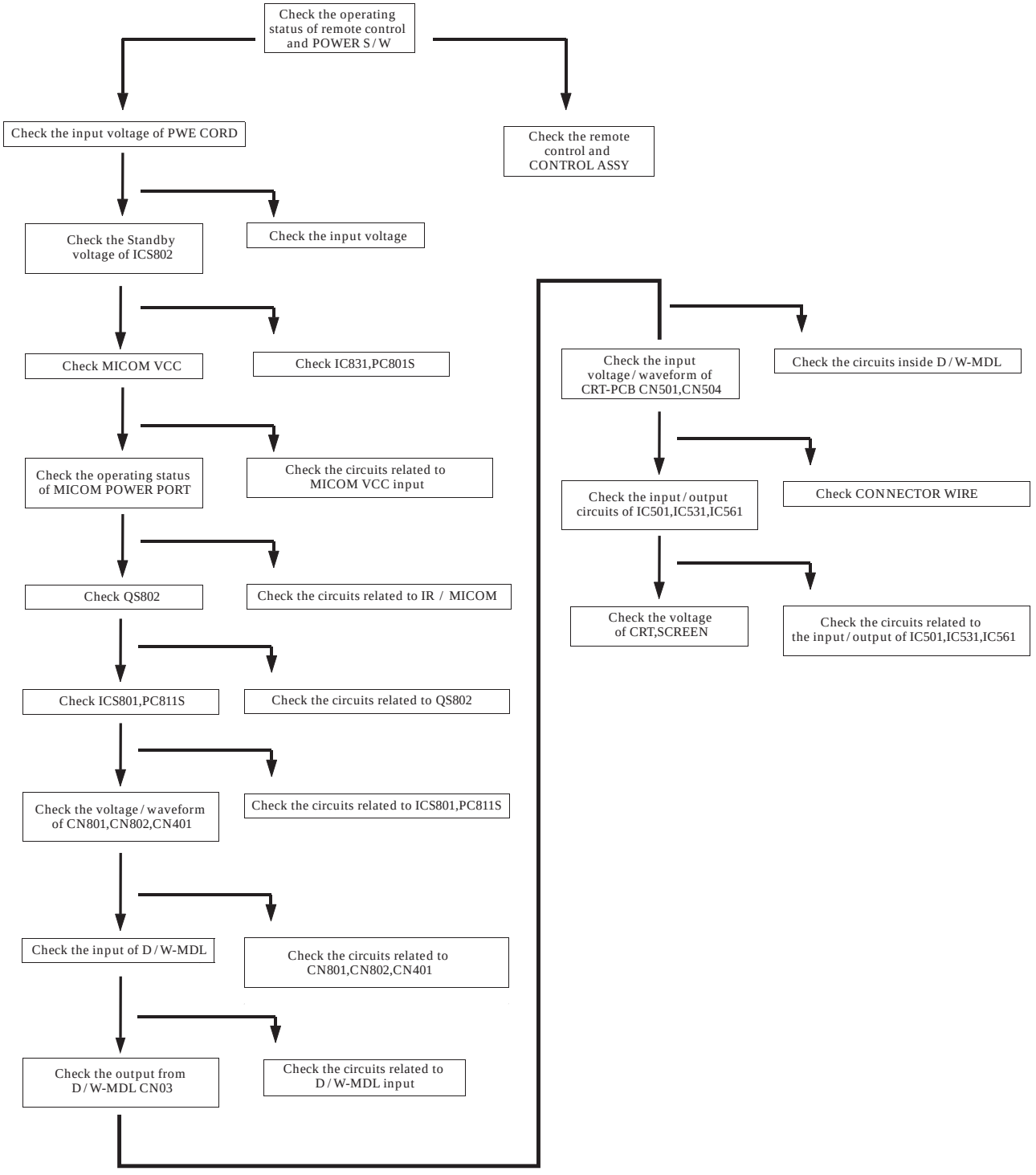
5-1 Convergence Misaligned


Check the input voltage of main CNZ02 and sub CN803
Nomal
Abnomal
Check the voltage of CNZ03 on the CG-AMP board and the waveform of CNZ01
Check the output from CG-MDL and FD855S, FD802S on the SUB PCB
Nomal
Abnomal
Check FD101S,FD102S on the CG-AMP board
Check connectors MAIN ↔ CG-AMP SUB ↔ CG-AMP
Nomal
Abnomal
Check the input/output of ICZ103,ICZ104 on the CG-AMP board
Replace FD101S,FD102S and check associate circuits
Nomal
Abnomal
Check the output from CNZ02,CNZ04,CNZ05 on the CG-AMP board
Check the circuits related to ICZ103,ICZ104
Nomal
Abnomal
Check DY
Check the circuits related to CNZ02,CNZ04,CNZ05

5-2 No Sound


Check the output volume level of MAIN CN601
Abnomal
Nomal
Check the input/output circuits of IC601
Check SPEAKER
Nomal
Abnomal
Check ICD603
Check the circuits related to IC601
Nomal
Abnomal
Check IC602
Check the circuits related to IC601
Nomal
Abnomal
Check IC605
Check the circuits related to IC602
Nomal
Abnomal
Check various input circuits
Check the circuits related to IC605

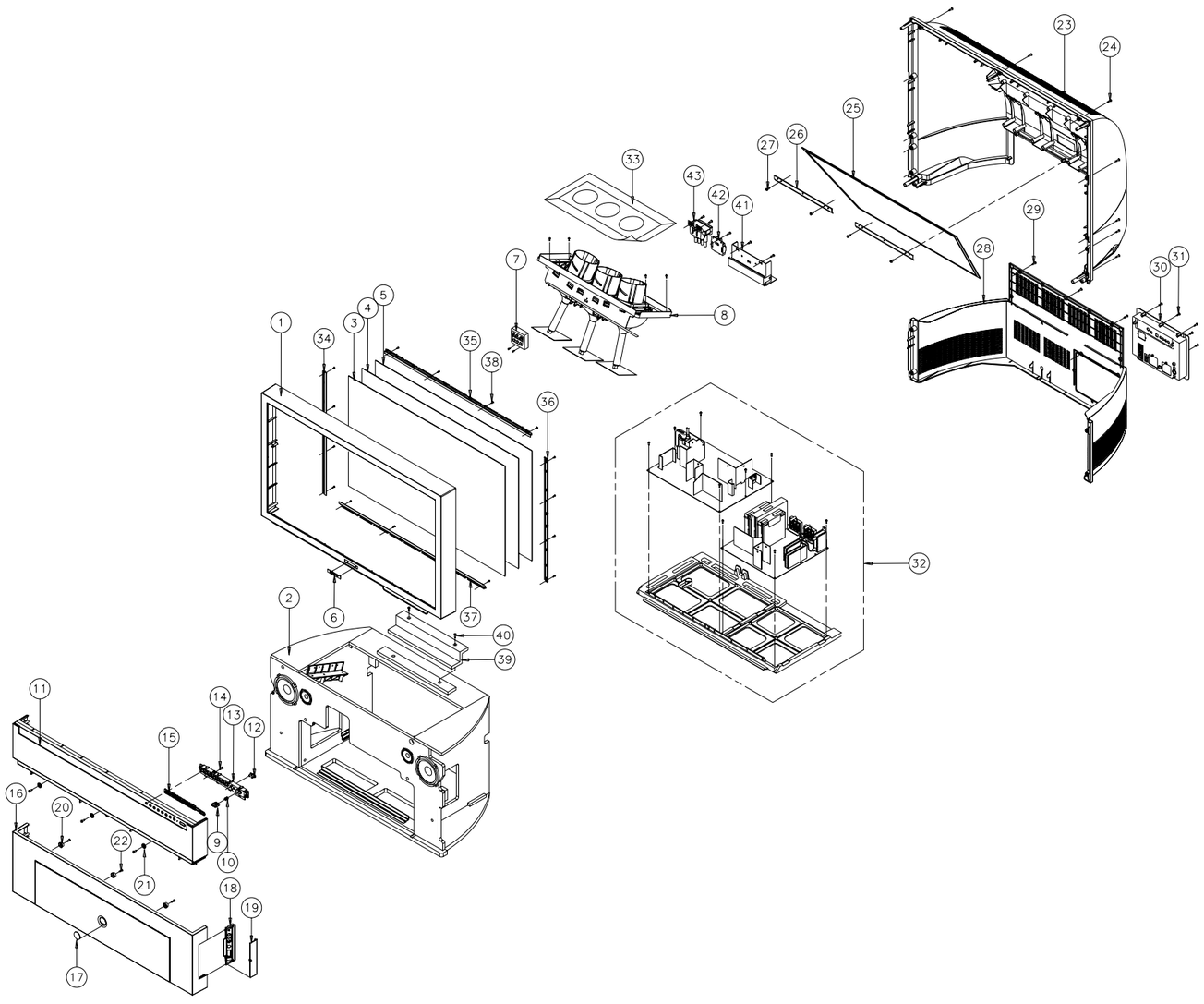
5-3 No Raster


Check the operating status of remote control and POWER S/W
Check the input voltage of PWE CORD
Check the remote control and CONTROL ASSY
Check the Standby voltage of ICS802
Check the input voltage
Check MICOM VCC
Check IC831,PC801S
Check the operating status of MICOM POWER PORT
Check the circuits related to MICOM VCC input
Check QS802
Check the circuits related to IR / MICOM
Check ICS801,PC811S
Check the circuits related to QS802
Check the voltage/waveform of CN801,CN802,CN401
Check the circuits related to ICS801,PC811S
Check the input of D/W-MDL
Check the circuits related to CN801,CN802,CN401
Check the output from D/W-MDL CN03
Check the circuits related to D/W-MDL input
Check the input voltage/waveform of CRT-PCB CN501,CN504
Check the circuits inside D/W-MDL
Check the input/output circuits of IC501,IC531,IC561
Check CONNECTOR WIRE
Check the voltage of CRT,SCREEN
Check the circuits related to the input/output of IC501,IC531,IC561

6. Exploded View & Parts List

6-1 42HD43AX/SCA

You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr



No	Code No	Description;Specification	Q'ty	Remark	S.N.A
1	AA64-02727T	CABINET FRONT-MASK;42W5,HIPS,HB,G4309,SV	1	A/CFM	
2	BP96-00160A	ASSY COVER P;WOOD,42W5,P55A	1	CW	
3	AA67-00207A	SCREEN-FILTER;,T=82%,960*552*2,G=110,AG	1	SFIL	
4	AA67-00193A	SCREEN-TINT;42W,958*550,T=0.73,P=052	1	ST	
5	AA67-00193B	SCREEN-FRESNEL;42W,960*552,T=2.0	1	SFR	
6	BP64-00277A	BADGE-BRAND;42W5,AL,T1.5,12.5,72.0,BLK,S	1	BADGE	
7	BP59-00005A	MODULE-FOCUS PACK ASS'Y;PJT TV,F301-P03A	1	MODULE	
8	BP91-00259A	ASSY CPT;HCM4215WX/XAA,P55A,ASSY-PRT	1	A/CPT	
9	AA64-02740A	KNOB-POWER;42W5,ABS,HB,G3676,COT	1	KP	
10	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	1	SPRING	
11	AA64-02726A	CABINET-PANEL,CONTROL;42W5,HIPS,HB,G4309	1	CPC	
12	AA64-02742A	WINDOW-RMC,LED;42W5,PC,CLR	1	WRL	
13	BP64-00011A	KNOB-CONTROL;DP,42W5,AA64-02739A 10.5KG	1	KC	
14	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	4	KC+CPC	
15	AA61-01130A	GUIDE-KNOB,CONTROL;42W5,ABS HB,G3676,SVM	1	GKC	
16	AA64-02725F	CABINET-FRONT,BOT;42W5,HIPS,V0,G4309,SVM	1	CFB	
17	AA64-02743A	BADGE-DECORATION;42W5,AL,NI,RS	1	BD	
18	AA61-01128C	HOLDER-SIDE,A/V;42W5,ABS HB,G3676,SV-704	1	HS	
19	AA64-02780C	DOOR-AV;42W5,ABS HB,G3676,SV-704P	1	DAV	
20	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	3	VA	
21	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	3	VB	
22	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	4		
23	AA64-02728A	CABINET-BACK,TOP;42W5,HIPS,HB,G4309	1	CBT	
24	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	4	CBT+CW	
25	AA67-00204A	MIRROR-FRONT;42W5,FSM,870*633*446	1	MF	
26	BP61-00012A	BRACKET-MIRROR;DP,42W5,AA61-01123A,11.8K	2	BM	
22	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4		
28	AA64-02729B	CABINET-BACK,BOT;42W5,HIPS,V0,G4309	1	CBB	
29	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	3	HC+CW	
30	AA65-00023A	TERMINAL-BOARD,ANT;,HIPS V0,BLK	1	TBOARD	
27	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	4	TB+RJK	
32	BP91-00262A	ASSY CHASSIS;HCM4216WTS/XAA,P55A	1	A/CHASSIS	
33	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE V0(9	1	SCD	
34	BP61-00011A	BRACKET-SCREEN,RL;DP,42W5,AA61-01122A,13	1	BKTSRL	
35	BP61-00010A	BRACKET-SCREEN,TB;DP,42W5,AA61-01121A,26	1	BKTSTB	
36	BP61-00011A	BRACKET-SCREEN,RL;DP,42W5,AA61-01122A,13	1	BKTSRL	
37	BP61-00010A	BRACKET-SCREEN,TB;DP,42W5,AA61-01121A,26	1	BKTSTB	
38	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	20	BS+CFM	
39	BP64-00029A	INLAY-SUPPORT;42W5,PS SHEET,T0.5,94V0	1	INL/SUP	
40	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	2	IS+CW	
41	BP94-00155A	ASSY PCB MISC-CG-AMP;DP,HCM4215W3S/XAA,P	1	A/AMP	
42	BP94-00239A	ASSY PCB MISC-DY-JACK;DP,HCM4215W3S/XAA,	1	A/JACK	
43	AA26-00101A	TRANS FBT;FWZ50A001E,-,-,-,-,-,-,-,-,-,-	1	D/B	

7. Electrical Parts List

7-1 42HD43AX/SCA

Loc. No.		Code No.	Description ; Specification	Remark
			ASSY MISC-CHASSIS-PACK	
	1	BP91-00392A	ASSY MISC-CHASSIS-PACK;HCM4215W3S/XAA,P5	
	2 A/CHASSIS	BP91-00262A	ASSY CHASSIS;HCM4216WTS/XAA,P55A	
	3 A/CHASSIS	BP91-00397A	ASSY MISC-CHASSIS-PACK;HCM4215WTS/XAA,P5	
	4 PM+HC	6003-001023	SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL)	
	4 PP+HC	6003-001023	SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL)	
	4 SMW-GND	AA39-20010B	LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P	
	4 HC	AA61-01127A	HOLDER-CHASSIS;COMMANDO,HIPS V0,G4309	
	4 A/PWR	BP98-00031A	ASSY K/D-PWR-DEF;HCM4215WX/XAA,P55A	
	5 D464	0402-000236	DIODE-RECTIFIER;GI824,400V,5A,-,TP	
⚠	5 D831	0402-000250	DIODE-RECTIFIER;RG4C,1000V,1A,	
	5 DZS801	0406-001007	DIODE-TVS;P6KE180A,171/180/189V,600W,CAS	
	5 Q423	0502-000405	TR-POWER;-,NPN,70W,TO-220,BK,10	
⚠	5 PC801S	0604-001032	PHOTO-COUPLER;TR,170-260%,300M	
⚠	5 PC811S	0604-001032	PHOTO-COUPLER;TR,170-260%,300M	
⚠	5 IC431	1201-000191	IC;MC4558C	
⚠	5 IC430	1203-000162	IC-POSI.ADJUST REG.;317,TO-220,3P,-,PLAS	
⚠	5 IC471	1203-000610	IC-PWMCONTROLLER;494,DIP,16P,300MIL,PLAS	
	5 ICS802	1203-001006	IC-VOLTAGEREGULATOR78R05,TO-220F,4P	
⚠	5 IC851	1203-001400	IC-POWER PRESCALER;SE110N,T0-220(SIP),3P	
	5 ICS801	1203-002177	IC-PWM CONTROLLER;VIPER12ADIP,DIP,8P,300	
⚠	5 NT801S	1404-001195	THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK	
⚠	5 VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
⚠	5 CY811S	2201-000446	C-CERAMIC,AC;CK45PE400V332-M(T	
⚠	5 CY812S	2201-000446	C-CERAMIC,AC;CK45PE400V332-M(T	
⚠	5 CY803S	2201-000963	C-CERAMIC;CK45Y5U400VACT102-MH	
⚠	5 CY804S	2201-000963	C-CERAMIC;CK45Y5U400VACT102-MH	
⚠	5 CY801S	2201-000446	C-CERAMIC,AC;CK45PE400V332-M(T	
⚠	5 CY802S	2201-000446	C-CERAMIC,AC;CK45PE400V332-M(T	
	5 C814	2301-001041	C-FILM,PPF;15nF,5%,1.6KV,TP,29x14x21.5,2	
⚠	5 CR471S	2301-001091	C-FILM,MPPF;470nF,5%,400V,TP,26x21.5x14.	
⚠	5 CR430S	2301-001343	C-FILM,MPPF;3.9nF,5%,2kV,TP,29x9.5x16mm,	
⚠	5 CR431S	2301-001343	C-FILM,MPPF;3.9nF,5%,2kV,TP,29x9.5x16mm,	
	5 C832	2301-001418	C-FILM,MPPF;1.5nF,5%,2kV,TP,29x7x13.5mm,	
⚠	5 CX801S	2306-000112	C-FILM,MPPF;100NF,20%,250V,-,1	
⚠	5 CX802S	2306-000112	C-FILM,MPPF;100NF,20%,250V,-,1	
⚠	5 CR436S	2306-000235	C-FILM;CF922P400VT564-J-40/85M	
	5 C491	2306-000322	C-FILM;CF922P1.6KVT123-JBUP	
⚠	5 CR473S	2306-000322	C-FILM;CF922P1.6KVT123-JBUP	
⚠	5 CR474S	2306-000326	C-FILM,MPPF;4.7nF,5%,1.6KV,TP,28.5x16x9m	
	5 C870	2401-000142	C-AL;1000UF,20%,16V,WT,10X20MM	
	5 C815	2401-000701	C-AL;2200uF,20%,250V,GP,-,35x70mm,1	
	5 C816	2401-000701	C-AL;2200uF,20%,250V,GP,-,35x70mm,1	
	5 C864	2401-000787	C-AL;220uF,20%,160V,GP,TP,16x31.5mm	
	5 C863	2401-002251	C-ELECTROLYTIC;CE04W200V470M(2	
	5 C850	2401-003076	C-AL;3300uF,20%,50V,WP,BK,18x35.5mm	
	5 C852	2401-003076	C-AL;3300uF,20%,50V,WP,BK,18x35.5mm	
	5 C856	2401-003076	C-AL;3300uF,20%,50V,WP,BK,18x35.5mm	
	5 CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
⚠	5 FP801S	3601-000300	FUSE-CARTRIDGE;250V,6.3A,SLOW-BLOW,GLASS	
	5 CN803	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
⚠	5 T432	AA26-00053A	TRANS;-,-,-,1.2mH,-,-,-,-,-,-,31.5KHZ,-,	
⚠	5 T481	AA26-00091A	TRANS-HV-STORAGE;4mH,-,14P,830uH,180V,10	
⚠	5 T444S	AA26-00100A	TRANS FBT;FFA97513L,CT29A7DR,0.3mH,-,-,-	
⚠	5 T431	AA26-50001U	TRANS-HORIZ.DRIVE;-,-,-,28mH,-,-,105uH,-	
⚠	5 T461	AA26-50001V	TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,113uH,	
	5 L432	AA27-00056A	COIL HORIZ. WIDTH;-,600uH,YL9N 15x27.5 C	
	5 L862	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
	5 L863	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
	5 L864	AA27-10002L	COIL-CHOKE;-,24UH,K,-,2A,-,24U	
⚠	5 LR401S	AA27-30003M	COIL LINEARITY;-,5uH,OWA14x15,USRC0.1x60	
⚠	5 LX801S	AA29-30002L	FILTER LINE NOISE;-,10mHMIN,5A,AC90~260V	
⚠	5 LX802S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
⚠	5 LX803S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
⚠	5 LX804S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
	5 CN801	AA39-00180A	LEAD CONNECTOR-ASSY;,14P,YBNH250-14,3515	
	5 GT01	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	
	5 IC301	AA96-00623A	ASSY H/S;-,POWER,AA62-00056A,LA7845	
	6	0205-000129	GREASE-SILICON;SC102,JAPAN	
	6	1204-000517	IC-LINEAR;LA7845SIPVERTICALAMP	
	6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
	6	AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,	
	5 A/AUTO	AA97-07506Z	ASSY AUTO-PWR DEF;HCM4215W	
	6 D301	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D385	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D436	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D442	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D443	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D477	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D478	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 D479	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
⚠	6 DR401S	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
⚠	6 DR402S	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
	6 DS802	0401-000006	DIODE-SWITCHING;BAV21,250MA,400MW,50NS,2	
	6 DS804	0401-000006	DIODE-SWITCHING;BAV21,250MA,400MW,50NS,2	
	6 D384	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
	6 D435	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
	6 D480	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
	6 D484	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
	6 D501	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
⚠	6 D857	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
	6 DS801	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41	
	6 D440	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5	
	6 D441	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5	
	6 D445	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5	
	6 D451	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5	
	6 D433	0402-000537	DIODE-RECTIFIER;RH1A,600V,0.6A,	
	6 D302	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
	6 D431	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
	6 D472	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
	6 D474	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
⚠	6 D843	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
	6 D453	0402-001286	DIODE-RECTIFIER;RP1H,2000V,.1A,-,TP	
	6 DZS802	0403-000704	DIODEZENER;TZP7.5B,7.5V,7.5-8.	
	6 DZ831	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
	6 DZ473	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
⚠	6 DZ482S	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
	6 DZ483	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
	6 DZ474	0403-000734	DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO-	
	6 DZ804	0403-001167	DIODE-ZENER;MTZJ30D,30V,29.02-30.51V,500	
	6 DZ386	0403-001316	DIODE-ZENER;MTZJ3.0A,2.85-3.07V,500mW,DO	
	6 DZ395	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
	6 DZ413	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
⚠	6 DR404S	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
	6 DZ400	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
	6 DZ851	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
	6 DZ301	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
	6 DZ304	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
	6 DZ481	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
	6 DZS803	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
	6 DZ305	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,	
	6 DZ307	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,	
	6 DZ306	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,D	
	6 DZS804	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,D	
	6 DS805	0404-001056	DIODE-SCHOTTKY;RK16,60V,1.5A,DO-204AC,TP	
	6 Q432	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
	6 Q482	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
⚠	6 QR401S	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
	6 Q301	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q381	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q382	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q401	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q402	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q421	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
	6 Q451	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	

Loc. No.	Code No.	Description ; Specification	Remark
6 Q461	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q471	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q474	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q481	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q851	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 QS801	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 QS802	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q422	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM,	
6 Q472	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM,	
⚠6 ICR01S	1203-001217	IC-POST,ADJUSTREG;431,T0-92,3P,4.58MIL,P	
⚠6 VP801S	1405-000152	VARISTOR;560V,2500A,14X8.5MM,T	
⚠6 RR409S	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,	
6 R416	2001-000006	R-CARBON;2.4Kohm,5%,1/8W,AA,TP,1.8x3.2m	
6 R387	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
6 R474	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
6 R308	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP	
6 R422	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
6 R470	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
6 R836	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA	
6 R493	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA	
6 R855	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
6 RS804	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
6 RS808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
6 R438	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R439	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R811	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R812	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R813	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R814	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 RS803	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
6 R834	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,	
6 R448	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m	
6 R495	2001-000262	R-CARBON;1.8MOHM,5%,1/8W,AA,TP,1.8X3.2M	
6 R488	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
6 R420	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,	
6 R312	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R418	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R852	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
⚠6 RR410S	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R412	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,	
6 R483	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R484	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
⚠6 RR407S	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
⚠6 RR408S	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
6 R492	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP	
6 R417	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,	
6 R388	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,	
6 R397	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,	
6 R385	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
6 R389	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
6 R458	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
6 R423	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
6 R461	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
6 R414	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R415	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R446	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R494	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R857	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R313	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,	
6 R314	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,	
6 R454	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,	
6 R455	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,	
6 R456	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,	
6 R386	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,	
6 R489	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP	
6 R490	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP	
6 R475	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R487	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R482	2001-001031	R-CARBON;91KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
6 R413	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R839	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R854	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
⚠6 RR401S	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 RS807	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R434	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R840	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AB	
6 R837	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,	

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6 R468	2001-001122	R-CARBON/METALFILM;RD1/2T3.9K-	
6 RS802	2001-001124	R-CARBON(S);3.9OHM,5%,1/2W,AA,TP,2.4X6.4	
6 R431	2001-001153	R-CARBON(S);47OHM,5%,1/2W,AA,T	
6 R410	2001-001155	R-CARBON(S);5.6Kohm,5%,1/2W,AA,TP,2.4x6.	
6 R433	2001-001155	R-CARBON(S);5.6Kohm,5%,1/2W,AA,TP,2.4x6.	
6 RS806	2001-001168	R-CARBON(S);6.8KOHM,5%,1/2W,AB	
6 R459	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AB,	
6 R851	2001-001196	R-CARBON(S);9.1KOHM,5%,1/2W,AA,TP,2.4X6.	
⚠6 RP801S	2002-001010	R-COMPOSITION;1.8MOHM,5%,1/2W,AA,TP,3.7X	
⚠6 RY801S	2002-001013	R-COMPOSITION;4.7MOhm,5%,1/2W,AA,TP,3.7X	
6 R428	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
6 R428A	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
6 R425	2003-000417	R-METAL OXIDE(S);1.2Kohm,5%,3W,AA,TP,6x1	
6 R831	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16	
6 R832	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16	
6 R429	2003-000586	R-METALOXIDE(S);22KOHM,5%,2W,A	
6 R430	2003-000586	R-METALOXIDE(S);22KOHM,5%,2W,A	
6 R310	2003-001024	R-METALOXIDE(S);150OHM,5%,2W,A	
6 R463	2003-001024	R-METALOXIDE(S);150OHM,5%,2W,A	
6 R460	2003-002044	R-METAL OXIDE(S);100ohm,5%,1W,AF,TP,2.5x	
6 R427	2003-002152	R-METAL OXIDE;10HM,5%,2W,AG,TP,6X16MM	
6 R427A	2003-002152	R-METAL OXIDE;10HM,5%,2W,AG,TP,6X16MM	
6 R841	2003-002102	R-METAL OXIDE;68Kohm,5%,2W,AF,TP,4x12mm	
6 R426	2003-002153	R-METAL OXIDE;4.7OHM,5%,2W,AG,TP,6X16MM	
6 R443	2003-002156	R-METAL OXIDE;560OHM,5%,2W,AG,TP,6X16MM	
6 R443A	2003-002156	R-METAL OXIDE;560OHM,5%,2W,AG,TP,6X16MM	
6 R464	2003-002158	R-METAL OXIDE;0.68OHM,5%,1W,AG,TP,4.3X12	
6 R421	2003-002159	R-METAL OXIDE;150OHM,5%,1W,AG,TP,4.3X12M	
6 R502	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4	
6 R801	2003-002285	R-METAL OXIDE(S);1.5KOHM,5%,2W,AF,TP,6X1	
6 R501	2004-004029	R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5m	
6 R466	2004-001386	R-METAL(S);16.9KOHM,1%,1/2W,AA,TP,2.4X6.	
6 R473	2004-001395	R-METAL(S);330Kohm,2%,1/2W,AA,TP,2.4x6.4	
6 R406	2004-001402	R-METAL(S);6.8KOHM,1%,1/2W,AA,	
6 R407	2004-001408	R-METAL(S);91KOHM,1%,1/2W,AA,T	
⚠6 RR406S	2004-001892	R-METAL(S);162KOHM,1%,1/2W,AA,	
⚠6 RR411S	2004-001892	R-METAL(S);162KOHM,1%,1/2W,AA,	
6 R408	2004-001893	R-METAL(S);22KOHM,1%,1/2W,AA,T	
6 R301	2004-001897	R-METAL(S);43.2KOHM,1%,1/2W,AA	
6 R302	2004-001897	R-METAL(S);43.2KOHM,1%,1/2W,AA	
6 R409	2004-005051	R-METAL(S);2.2KOHM,1%,1/2W,AA,TP,2.4X6.4	
6 R303	2004-001984	R-METAL;26.7KOHM,1%,1/2W,AA,TP	
6 R305	2004-001984	R-METAL;26.7KOHM,1%,1/2W,AA,TP	
6 R467	2004-001984	R-METAL;26.7KOHM,1%,1/2W,AA,TP	
6 R471	2004-002011	R-METAL,FILM;RM1/2T110K-F	
⚠6 RR403S	2004-004001	R-METAL(S);180Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠6 RR404S	2004-004046	R-METAL(S);430Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠6 RR405S	2004-004046	R-METAL(S);430Kohm,1%,1/2W,AA,TP,2.5x6.5	
6 R856	2004-004366	R-METAL(S);1.3Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠6 RS801S	3601-000102	FUSE-AXIAL LEAD;125V,1A,FAST-ACTING,GLAS	
6 R472	2008-000252	R-FUSIBLE(S);0.47OHM,10%,1/2W,	
6 R445	2008-000252	R-FUSIBLE(S);0.47OHM,10%,1/2W,	
6 R441	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R442	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R442A	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R447	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R449	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R465	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,	
6 R440	2008-000282	R-FUSIBLE;0.47ohm,5%,1W,AA,TP,3.9x12mm	
6 R424	2008-000289	R-FUSIBLE(S);1ohm,5%,1W,AA,TP,3.9x10mm	
6 R307	2008-000290	R-FUSIBLE;2.4OHM,5%,2W,AF,TP,3	
6 R486	2008-001018	R-FUSIBLE(S);0.47OHM,10%,2W,AF	
6 R838	2008-001053	R-FUSIBLE;22OHM,5%,1/2W,AF,TP,	
6 R306	2008-001076	R-FUSIBLE(S);1.8ohm,5%,2W,AF,TP,3.9x10mm	
6 R437	2008-001087	R-FUSIBLE(S);1.8ohm,5%,2W,AG,TP,3.9x12mm	
6 R485	2008-001137	R-FUSIBLE(S);3.3ohm,5%,1W,AF,TP,3.9x10mm	
6 R462	2008-001145	R-FUSIBLE;4.7OHM,5%,1/2W,AF,TP,2.5X6.5MM	
6 R853	2008-001152	R-FUSIBLE(S);1.3KOHM,5%,1/2W,AA,TP,2.5X6	
6 R833	2009-000017	R-METAL PLATE;0.1ohm,10%,5W,CL,TP,5x14x1	
6 R405	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
⚠6 RR471S	2103-001024	VR-SEMI;50Kohm,25%,0.3W,TOP	
⚠6 RR402S	2103-001086	VR-SEMI;100KOHM,25%,0.3W,TOP	
6 C468	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
6 C490	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
6 CS804	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
6 CS809	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
6 C452	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	

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6 C455	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	
6 C457	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	
6 C459	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	
6 C484	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,	
6 C837	2201-000138	C-CERAMIC,DISC;100PF,10%,50V,Y	
⚠ 6 CR402S	2201-000146	C-CERAMIC,DISC;100PF,5%,50V,SL	
⚠ 6 CR403S	2201-000146	C-CERAMIC,DISC;100PF,5%,50V,SL	
6 C469	2201-000180	C-CERAMIC,DISC;10NF,10%,50V,Y5V,TP,6.5*3	
6 C867	2201-000180	C-CERAMIC,DISC;10NF,10%,50V,Y5V,TP,6.5*3	
6 C302	2201-000017	C-CERAMIC,DISK;1NF,10%,50V,Y5P,4X3.5MM,5	
6 C304	2201-000017	C-CERAMIC,DISK;1NF,10%,50V,Y5P,4X3.5MM,5	
6 C833	2201-000017	C-CERAMIC,DISK;1NF,10%,50V,Y5P,4X3.5MM,5	
6 C811	2201-000332	C-CERAMIC,AC;CK45PTAPGE250V222	
6 C812	2201-000332	C-CERAMIC,AC;CK45PTAPGE250V222	
6 C813	2201-000332	C-CERAMIC,AC;CK45PTAPGE250V222	
6 C406	2201-000370	C-CERAMIC,DISC;220PF,10%,50V,Y5P,TP	
6 C449	2201-000406	C-CERAMIC,HIC;CK45(T)B2KV271-K	
6 C851	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C853	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C855	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C857	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C859	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C862	2201-000551	C-CERAMIC,DISC;470PF,10%,1KV,Y	
6 C405	2201-000558	C-CERAMIC,DISC;470PF,10%,50V,Y	
6 C478	2301-000020	C-FILMPEF;27NF,5%,100V,TP,7.3X	
6 C479	2301-000200	C-FILM,PEF;2.2nF,5%,200V,TP,11.0x6.0x9.0	
6 C477	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
6 CS801	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
6 R493	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
6 C412	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
6 C831	2301-001216	C-FILM,PPF;47nF,5%,630V,TP,20x14.5x22,7.	
6 C432	2303-000002	C-FILM,PPF;8.2nF 5% 400V TP 19X18X7,7.5m	
6 C438	2303-000002	C-FILM,PPF;8.2nF 5% 400V TP 19X18X7,7.5m	
6 C460	2303-000331	C-FILM;4.7NF,5%,630V,19.5X12X7	
6 C311	2305-000149	C-FILM;CF922N100VT104-J-40/105	
6 C487	2305-000178	C-FILM,MPEF;10NF,5%,100V,-,5MM	
6 C309	2305-000285	C-FILM,MPEF;220NF,5%,100V,-,5M	
6 C871	2305-000289	C-FILM,MPEF;220NF,5%,63V,-,5MM	
6 C838	2305-000412	C-FILM,MPEF;470NF,5%,63V,-,5MM	
6 C301	2305-000427	C-FILM,MPEF;47NF,5%,100V,7.5X1	
6 C303	2305-000427	C-FILM,MPEF;47NF,5%,100V,7.5X1	
6 C865	2305-000427	C-FILM,MPEF;47NF,5%,100V,7.5X1	
6 C429	2305-000704	C-M,POLYESTER;CFS922MTAPG250V1	
6 C428	2306-000122	C-FILM,MPPF;100NF,5%,50V,7.3X4	
6 C480	2306-000122	C-FILM,MPPF;100NF,5%,50V,7.3X4	
6 C489	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
6 C481	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2.5	
6 C869	2401-000164	C-ALUMINUM;1000UF,20%,25V,WT,TP,12.5X20	
6 C451	2401-000262	C-AL;100UF,20%,160V,GP,16X25MM,5MM,	
6 C472	2401-000262	C-AL;100UF,20%,160V,GP,16X25MM,5MM,	
6 C426	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
6 C868	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
6 C413	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5	
6 C467	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5	
6 C307	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
6 C308	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
6 CS802	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C861	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C483	2401-000660	C-ELECTROLYTIC;CE04WTAPG50V2.2	
6 C858	2401-000698	C-AL;2200uF,20%,16V,WT,TP,12.5x25,5	
6 C860	2401-000703	C-ELEC;CE04-40/8525VT222-MWSD	
6 C492	2401-001026	C-AL;3.3UF,20%,50V,GP,5X11MM,5	
⚠ 6 CR401S	2401-001026	C-AL;3.3UF,20%,50V,GP,5X11MM,5	
6 CS803	2401-001192	C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP	
6 C866	2401-001397	C-AL;470UF,20%,25V,GP,10X16MM,	
6 C454	2401-001428	C-AL;470uF,20%,50V,GP,TP,10x20,5	
6 C450	2401-001486	C-AL;47UF,20%,160V,HR,13X20MM,5MM,T	
6 C456	2401-001527	C-AL;47UF,20%,250V,HR,13X25MM,	
6 C445	2401-001622	C-AL;6.8uF,20%,50V,BP,TP,16x25mm,7.	
6 C834	2401-001625	C-AL;6.8UF,20%,50V,GP,5X11MM,5	
6 CS807	2401-001655	C-AL;680UF,20%,25V,GP,10X20MM,	
6 C476	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C488	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
6 C835	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
6 C849	2401-002216	C-AL;2200UF,20%,35V,-,16X25,7.	
6 C854	2401-002216	C-AL;2200UF,20%,35V,-,16X25,7.	
6 C453	2401-002288	C-ELEC;CE04-55/10525VT471-MWRG	

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6 C458	2401-002288	C-ELEC;CE04-55/10525VT471-MWRG	
6 C427	2401-002300	C-ELECTROLYTIC;CE04WTAPG50V47U	
6 CS808	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	
6 C466	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 C437	2401-003114	C-AL;4.7UF,20%,250V,WT,TP,10X1	
6 L431	2701-000116	INDUCTOR-AXIAL;10UH,10%,4.2X9.	
6 L831	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L832	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L833	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L834	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L852	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L853	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L854	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L855	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L856	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L857	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
6 L483	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB	
6 L481	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L495	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L835	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L836	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L837	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L851	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L482	3301-000374	CORE-FERRITE BEAD;AA,3.5x1.0x9.0mm,-,-	
6 L494	3301-000374	CORE-FERRITE BEAD;AA,3.5x1.0x9.0mm,-,-	
⚠ 6 FD801S	3601-000120	FUSE-FERRULE;125V,2.5A,FA,GLASS,2.4x7.5m	
⚠ 6 FD805S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ 6 FD854S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ 6 FD871S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
6 F801A	3602-000114	FUSE-HOLDER;-,-,30MOHM	
6 F801B	3602-000114	FUSE-HOLDER;-,-,30MOHM	
6 CN401	3711-002645	POST-HEADER;67094-006(AUTO)	
6 J101	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J102	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J103	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J104	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J105	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J106	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J107	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J108	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J109	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J110	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J111	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J116	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J117	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J118	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J119	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J120	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J121	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J122	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J123	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J124	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J127	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J128	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J129	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J130	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J131	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J132	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J133	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J134	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J135	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J136	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J137	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J138	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J139	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J140	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J141	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J142	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J143	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J144	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J145	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J146	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J147	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J148	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J149	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J150	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J151	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	

Loc. No.	Code No.	Description ; Specification	Remark
6 J152	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J153	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J154	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J155	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J156	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J157	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J158	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J159	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J160	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J164	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J165	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J166	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J167	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J168	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J169	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J170	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J171	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J172	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J173	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 J174	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 L492	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 L493	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
⚠6 FD802S	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
⚠6 FD855S	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
6 EL01	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL02	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL03	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL04	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL05	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL06	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL07	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL08	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL10	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL11	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL12	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL13	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL14	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL15	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EL16	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY39	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY40	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY41	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY42	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY51	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY52	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY53	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY54	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY55	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY56	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY57	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY58	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY59	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY60	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY61	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY62	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 EY63	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
6 02VER	AA41-00598D	PCB-SUB;HCM4215W,CEM-1,1L,D,1.6T,330X245	
6 EY01	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY02	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY03	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY04	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY05	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY06	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY07	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY08	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY09	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY10	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY100	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY101	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY102	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY103	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY104	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY105	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY106	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY107	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY108	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY109	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	

Loc. No.	Code No.	Description ; Specification	Remark
6 EY11	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY111	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY113	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY114	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY115	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY116	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY117	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY118	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY119	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY12	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY120	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY121	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY122	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY123	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY124	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY125	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY126	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY127	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY128	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY129	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY13	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY130	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY131	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY132	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY133	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY134	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY135	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY136	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY137	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY138	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY139	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY14	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY140	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY141	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY142	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY147	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY148	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY149	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY15	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY150	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY151	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY152	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY153	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY154	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY155	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY16	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY17	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY18	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY19	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY20	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY21	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY22	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY23	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY24	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY25	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY26	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY27	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY28	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY29	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY30	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY31	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY32	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY34	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY35	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY36	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY37	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY38	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY43	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY44	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY45	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY46	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY47	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY49	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY50	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY64	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY65	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY66	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	

Loc. No.	Code No.	Description ; Specification	Remark
6 EY67	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY68	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY69	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY70	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY71	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY72	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY73	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY74	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY75	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY76	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY77	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY78	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY79	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY80	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY81	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY82	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY83	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY84	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY85	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY86	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY87	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY88	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY89	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY90	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY91	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY92	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY93	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY94	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY95	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY96	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY97	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY98	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 EY99	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
6 GT14	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT15	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT16	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT17	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT33	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT34	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT35	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT404	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT801	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT802	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT807	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT810	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT811	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 R801	2003-000429	R-METALOXIDE(S);1.5KOHM,5%,2W,AA,TP,4X12	
6 DZ852	0403-000698	DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO-	
⚠ 5 TS801S	BP26-00001A	TRANS-POWER S/W (DPMS);19B012,P55A,HCM42	
⚠ 5 T801S	BP26-00002A	TRANS SWITCHING;EER5345,P55A,160V~280V,P	
5 CN802	BP39-00014A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1007	
5 LC	BP39-00017A	LEAD CONNECTOR;P55A/HCM4215W,UL1617#22,U	
6 CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
⚠ 5 D855	BP98-00040A	ASSY K/D-H/S;AA62-00045A,FMG-G26S	
⚠ 5 D856	BP98-00040A	ASSY K/D-H/S;AA62-00045A,FMG-G26S	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000231	DIODE-RECTIFIER;FMG-G26S,600V,	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA62-00065A	HEAT SINK-PS;DP,-,-,-,AA62-00045A,-,-,-,	
7	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
7	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
5 Q433	BP98-00041A	ASSY K/D-H/S;AA62-00045A,KSD73	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0502-000298	TR-POWER;KSD73,NPN,100V,60V,5A	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA62-00065A	HEAT SINK-PS;DP,-,-,-,AA62-00045A,-,-,-,	
7	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
7	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
⚠ 5 IC831S	BP98-00042A	ASSY K/D-H/S;AA62-00051A,STR-X6465	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
6	AA13-00105A	IC HYBRID;STR-X6456,7,-20TO+125,DIP,21A,	
6	AA62-00067A	HEAT SINK-PS;-,DP,-,-,-,-,AA62-00051A,-	
7	AA62-00051A	HEAT SINK-PS;-,-,-,SILVER,HOLE 31mm,ALL,	
⚠ 5 IC421	BP98-00043A	ASSY K/D-H/S;AA62-00066B,FML-G12S	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,	

Loc. No.	Code No.	Description ; Specification	Remark
6	1203-000165	IC-POSI.ADJUSTREG.;78R12,TO-22	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
6	AA62-00127A	HEAT SINK;DP, AA62-00066B,-,-,-,-,-,P55A	
7	AA62-00066B	HEAT SINK;D2,D3,AL ,T1.0,89,70,-,AA62-00	
5 Q431	BP98-00044A	ASSY K/D-H/S;BH62-00038A,2SC5446,FMP-3FU	
6	0205-001027	OIL-SILICON;G746	
6	0402-001296	DIODE-RECTIFIER;FMP-3FU,1500V,5A,T0-3PF	
6	0502-001230	TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F	
6	AA62-00135A	HEAT SINK;DP, BH62-00038A,-,-,-,-,-,P55A	
7	BH62-00038B	HEAT SINK-FBT;COMMANDO,A1050S,T2.0,85*80	
6	BH61-70003A	SPRING-PS;SUS304,W1/2H,T0.5,W3.8	
6	BH73-00028A	SILICON/RUBBER-HS;CDT ALL,SILICON,26*33*	
5 Q473	BP98-00045A	ASSY K/D-H/S;BP62-00001A,2SC4125,IRF640A	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0502-001100	TR-POWER;2SC4125,NPN,70W,TO-3PML,BK,8-	
6	0505-001202	FET-SILICON;IRFS640A,N,200V,9.8A,0.18OHM	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA62-00134A	HEAT SINK;DP, BP62-00001A,-,-,-,-,-,P55A	
7	BP62-00001A	HEAT SINK;COMMANDO,A1050P,T2.0,W62.0,H50	
⚠ 5 D811S	BP98-00080A	ASSY K/D-H/S;RBV606,AA62-00052A,COMMANDO	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	0402-000549	DIODE;RBV-606	
6	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
6	AA60-30003A	WASHER;-,-,-,-,T1.5,-,SBHG-1	
6	AA62-00131A	HEAT SINK;DP, AA62-00052A,-,-,-,-,-,P55A	
7	AA62-00052A	HEAT SINK-PS;-,-,-,SILVER,HOLE 18.5mm, 2	
5 R384	2002-001079	R-COMPOSITION;470Kohm,5%,1/2W,AA,TP,4x10	
4 A/MAIN	BP98-00139A	ASSY K/D-MAIN;HCM4215TS/XAA,P55A,MAIN	
⚠ 5 IC802	1203-000119	IC-NEGA.FIXED REG.;7905,TO-220,3P,-,PLAS	
⚠ 5 IC807	1203-000165	IC-POSI.ADJUSTREG.;78R12,TO-22	
5 C681	2401-000737	C-AL;2200UF,20%,50V,GP,18X36MM	
5 C801	2401-001068	C-AL;3300uF,20%,50V,GP,BK,22x40,10	
5 CNW01	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5 CNW02	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5 CNZ01	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
5 CN901	3703-001187	CONNECTOR-BACK PANEL;64P,2R,FEMALE,STRAI	
5 CNZ02	3711-003046	CONNECTOR-HEADER;BOX,9P,1R,2.5MM,STRAIGH	
5 CNY01	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.	
5 CN902	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
5 CN801	3711-003975	CONNECTOR-HEADER;BOX,14P,1R,2.5mm,STRAIG	
5 CN802	3711-004946	CONNECTOR-HEADER;BOX,15P,1R,2.5MM,STRAIG	
5 JA703	3722-001163	JACK-VHS;4P,12mm,AU,BLK,N	
5 JA701	3722-001426	JACK-PIN;9P,3.4mm,NI,BLK,-	
5 JA704	3722-001870	JACK-PIN;5P(10P),8.3MM,NI,GRN/BLU/RED/WH	
5 JA702	3722-001871	JACK-PIN;5P(9P),8.3MM,NI,GRN/BLU/RED/WHT	
5 L802	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
5 L801	AA29-00004A	FILTER LINE NOISE;-,20UH,3A,AC80-260V,TQ	
5 LC	AA39-20010B	LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P	
5 TU02	AA40-00049A	TUNER;TCPN3081PC19C(S),TCPN3081PC19C(S),	
5 TU04	AA40-00049A	TUNER;TCPN3081PC19C(S),TCPN3081PC19C(S),	
5 TU01	AA59-00164A	MODULE-RF,SPLITTER,UMX-NT-005-2IN/3OUT,S	
5 SC	AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPTE,T0.5,-,-,	
5 SC	AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPTE,T0.5,-,-,	
5 SC	BP63-00030A	SHIELD CASE;COMMANDO,SPTE,T0.5,W26.0,L13	
5 SC	AA63-00610A	SHIELD CASE;COMMANDO,SPTE,T0.5,W141.5,H1	
5 BAND	AA63-10002A	BAND-TIE;-,NYLON66V2,-,-,L100,NTR,-,-	
5 CWIRE	AA65-30018A	CLAMP-WIRE;-,NYLON6.6,-,-,DATL	
5 CWIRE	AA65-30104C	CLAMP-WIRE;NYLON 66,V2,NTR,W1 Z4,ALL MOD	
5 LC	BP39-00047A	LEAD CONNECTOR;P55A/HCM4215W,UL2547#26,U	
5 A/AUTO	BP95-00028A	ASSY SUB-PCB-MICOM;DP,HCM4215WTS/XAA,P55	
6 D907	0402-000274	DIODE-RECTIFIER;UF4004,400V,1A,DO-41	
6 Q901	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400	
6 Q903	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400	
6 IC905	1102-001130	IC-EPROM;M27W201-80F6,256KX8BIT,DIP,32P,	
6 IC904	1203-001943	IC-VOL.DETECTOR;7025,T0-92,3P,PLASTIC	
6 X901	2801-004071	CRYSTAL-UNIT;6MHZ,30PPM,28-AAM,20PF,40OH	
6 CN901	3703-001175	CONNECTOR-BACK PANEL;64P,2R,MALE,ANGLE,A	
6 A/SMD	AA97-07275A	ASSY SMD;SVP-47W3HRT,P55A, , ,	
7 D602	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D901	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D902	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D905	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D906	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D920	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 D923	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
7 DZ904	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ905	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	

Loc. No.	Code No.	Description ; Specification	Remark
7 DZ906	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ907	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ918	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ919	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 DZ920	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500mW,LL-	
7 Q902	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q908	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q910	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q913	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q914	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q915	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q916	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q917	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q920	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 IC902	1103-000180	IC-EEPROM;24C16,2Kx8Bit,SOP,8P,150MIL,10	
7 IC903	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
7 IC901	1204-001912	IC-DECODER;SDA5550M,P-MQFP,100P,-,PLASTI	
7 R959	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R960	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R964	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R965	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R981	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R907	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R909	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R916	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R917	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R918	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R922	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R923	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R939	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R940	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R952	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R953	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R956	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R969	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R970	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R972	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R979	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R911	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
7 R901	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
7 R963	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
7 R905	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R921	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R924	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R925	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R930	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R933	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R936	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R974	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R912	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
7 R913	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
7 R915	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
7 R903	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R904	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R906	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R928	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R934	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R954	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R955	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R958	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R971	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R976	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R978	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R980	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R982	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R983	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R985	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R986	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R944	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R957	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R987	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R926	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
7 R975	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
7 R914	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
7 R941	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
7 R942	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
7 R988	2007-000290	R-CHIP;100 OHM,5%,1/10W,DA,TP,2012	
7 R962	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
7 R966	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
7 R961	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	
7 R945	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R946	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R948	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R949	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R950	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R951	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 C907	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C914	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C916	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C919	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C920	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C924	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C925	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C926	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C927	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C928	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C929	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C932	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C931	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C951	2203-000221	C-CERAMIC,CHIP;100nF,20%,50V,Y5V,TP,3216	
7 C933	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C934	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C935	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C937	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C909	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
7 C903	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C902	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C904	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C906	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C905	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-	
7 C901	2203-000748	C-CERAMIC,CHIP;0.03nF,5%,50V,NP0,TP,2012	
7 C910	2203-000748	C-CERAMIC,CHIP;0.03nF,5%,50V,NP0,TP,2012	
7 C908	2203-001048	C-CERAMIC,CHIP;0.56nF,10%,50V,NP0,TP,201	
7 C922	2203-005809	C-CERAMIC,CHIP;1000nF,10%,16V,X7R,TP,201	
7 C950	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C913	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C915	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C918	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C921	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C936	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C938	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C911	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 C912	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 C917	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 L905	2703-001245	INDUCTOR-SMD;8.2uH,10%,2x1.25x1.25mm	
7 L901	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L902	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L903	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L904	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L907	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 L920	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 01VER	AA41-00599B	PCB-MICOM;HCM4215W,FR-4,2L,B,1.6T,180X24	
5 A/CONV	BP95-00029A	ASSY SUB-PCB-CONV.MOD;DP,HCM4215WTS/XAA,	
6 L01	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
6 CN01	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
6 CN04	3711-003601	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,ANGLE,	
6 A/AUTO	BP97-00106A	ASSY SMD;SVP-47W3HRT,P55A,CG,MOD	
7 D01	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D02	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D03	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D04	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D05	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D06	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D07	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D08	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D09	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D10	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D11	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 D12	0401-000160	DIODE-SWITCHING;ISS314,30V,100mA,USC,TP	
7 DZ01	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ02	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ03	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	

Loc. No.	Code No.	Description ; Specification	Remark
7 Q02	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7 Q03	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
7 Q04	0501-000342	TR-SMALLSIGNAL;KSC1623-Y,NPN,200mW,SOT-	
7 Q10	0501-000342	TR-SMALLSIGNAL;KSC1623-Y,NPN,200mW,SOT-	
7 Q07	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
7 Q08	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
7 Q09	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
7 IC04	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC15	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC16	0801-002345	IC-CMOS LOGIC;7S04,INVERTER,SOT-353,5P,4	
7 IC08	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	
7 IC13	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	
7 IC05	1103-001195	IC-EEPROM;24C64,8Kx8Bit,SOP,8P,150MIL,10	
7 IC12	1201-001135	IC-OP AMP;324,SOP,ST,14P,150MIL,QUAD,100	
7 IC09	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC10	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC11	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC14	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
7 IC07	1201-001520	IC-VIDEO AMP;EL2250CS,SOIC,8P,150MIL,DUA	
7 IC03	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	
7 IC02	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
7 IC17	1209-001163	IC-PLL;TLC2932IPWLE,SOP,14P,-,PLASTIC	
7 R30	2007-000028	R-CHIP;39OHM,5%,1/10W,DA,TP,2012	
7 R31	2007-000028	R-CHIP;39OHM,5%,1/10W,DA,TP,2012	
7 R35	2007-000028	R-CHIP;39OHM,5%,1/10W,DA,TP,2012	
7 R36	2007-000028	R-CHIP;39OHM,5%,1/10W,DA,TP,2012	
7 R122	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R141	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R143	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R144	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R25	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R09	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R10	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R129	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R134	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R135	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R136	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R15	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R24	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R45	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R46	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
7 R02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R17	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R20	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R47	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R53	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R59	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R65	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R71	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R77	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R91	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R03	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R11	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R37	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R38	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R39	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R40	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R41	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R43	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R44	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R50	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R52	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R56	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R58	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R62	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R64	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R68	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R70	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R74	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R76	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R80	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R82	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R94	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R98	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R101	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R128	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
7 R51	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R57	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R63	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R69	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R75	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R81	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
7 R109	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
7 R01	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R04	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R06	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R07	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R08	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R118	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R119	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R121	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R133	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R49	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R54	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R55	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R60	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R61	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R66	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R67	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R72	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R73	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R78	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R79	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R113	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R115	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R83	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R84	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R85	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R86	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R92	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R93	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R96	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R97	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R05	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
7 R127	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
7 R32	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
7 R107	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
7 R117	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
7 R28	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
7 R29	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
7 R34	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
7 R120	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
7 R33	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
7 R100	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
7 R125	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
7 R108	2007-000381	R-CHIP;13Kohm,5%,1/16W,DA,TP,1608	
7 R137	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
7 R138	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
7 R139	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
7 R95	2007-000704	R-CHIP;3.6Kohm,5%,1/16W,DA,TP,1608	
7 R99	2007-000704	R-CHIP;3.6Kohm,5%,1/16W,DA,TP,1608	
7 R87	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	
7 R88	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	
7 R89	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	
7 R90	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	
7 R126	2007-000857	R-CHIP;4.3Kohm,1%,1/16W,DA,TP,1608	
7 R26	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R27	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R116	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
7 RN01	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 RN02	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 RN03	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 RN04	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 RN05	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 RN06	2011-000585	R-NETWORK;47OHM,5%,1/16W,L,CHIP,8P,TP	
7 C44	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C48	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C52	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	

Loc. No.	Code No.	Description ; Specification	Remark
7 C57	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C61	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C65	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C81	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
7 C02	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C04	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C05	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C07	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C08	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C09	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C10	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C11	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C12	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C13	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C15	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C20	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C21	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C22	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C23	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C24	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C25	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C26	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C27	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C28	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C29	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C30	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C31	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C32	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C33	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C34	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C35	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C36	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C37	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C39	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C41	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C45	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C49	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C53	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C54	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C58	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C62	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C71	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C78	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C79	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C83	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C85	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C86	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C72	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C75	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C89	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C42	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C46	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C50	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C55	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C59	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C63	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
7 C77	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C90	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 C91	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	
7 C73	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C74	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C88	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
7 C43	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C47	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C51	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C56	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C60	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C64	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C82	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C66	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C67	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C68	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C69	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
7 C87	2203-001245	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,201	
7 C01	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C03	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C06	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C14	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C38	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C40	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C70	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C84	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
7 C80	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
7 OSC01	2804-001479	OSCILLATOR-CLOCK;24MHZ,100PPM,50PF,TP,5V	
7 EF05	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
7 EF06	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
7 EF01	2901-000229	FILTER-EMI SMD;50V,0.3A,-,22000pF,4.5x3.	
7 EF02	2901-000229	FILTER-EMI SMD;50V,0.3A,-,22000pF,4.5x3.	
7 EF03	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF04	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF07	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF08	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF09	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 EF10	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 IC06	AA09-00032A	IC MICOM;,TSC87251G2D-OTP,4.5 TO 5.5V,-,	
7 01VER	AA41-00717C	PCB-CONVERGENCE MODULE;HCM4215W,FR-4,4L,	
7 IC01	BP13-00003A	IC ASIC;SDC12,128,-0.3 TO +3.8,0 TO 70,Q	
6 -	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
5 A/PROSCAN	BP95-00140Y	ASSY SUB PCB-PRO SCAN;DP,HCM4215,P55A	
5 A/AUTO	BP97-00270A	ASSY AUTO;0	
6 D601	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D604	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D605	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D607	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D608	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D609	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
6 D606	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
6 DZ801	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,	
6 DZ605	0403-001039	DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T	
6 DZ607	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
6 DZ606	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
6 Q601	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q602	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 Q603	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
6 R663	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
6 R808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
6 R810	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
6 R665	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
6 R667	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R668	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R669	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R683	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
6 R686	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,	
6 R813	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP	
6 R670	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,	
6 R812	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
6 R662	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,	
6 R659	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R660	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R661	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
6 R802	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
6 R803	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
6 R804	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
6 R806	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
6 R809	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
6 R664	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R666	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R658	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R672	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R687	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R685	2001-001000	R-CARBON ;82Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
6 R801	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,	
6 R674	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R677	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
6 R681	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,	
6 R682	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,	
6 R811	2001-001182	R-CARBON(S);7.5KOHM,5%,1/2W,AA	
6 R814	2003-001098	R-METAL OXIDE(S);22KOHM,5%,3W,AA,TP,6X16	
6 R805	2004-000970	R-METAL;470ohm,1%,1/4W,AA,TP,2.4x6.4mm	
6 R675	2004-001390	R-METAL(S);1KOHM,2%,1/2W,AA,TP	
6 R676	2004-001390	R-METAL(S);1KOHM,2%,1/2W,AA,TP	
6 R673	2004-001970	R-METAL(S);1.8KOHM,1%,1/2W,AA,	
6 R678	2004-001970	R-METAL(S);1.8KOHM,1%,1/2W,AA,	
6 R679	2004-001970	R-METAL(S);1.8KOHM,1%,1/2W,AA,	

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6 R680	2004-001970	R-METAL(S);1.8KOHM,1%,1/2W,AA,	
6 C694	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
6 C695	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
6 C682	2305-000665	C-FILM;104J, 60V,5MM TAPING	
6 C687	2305-000665	C-FILM;104J, 60V,5MM TAPING	
6 C689	2305-000665	C-FILM;104J, 60V,5MM TAPING	
6 C716	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
6 C803	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
6 C819	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
6 C822	2401-000025	C-ALUMINUM;100uF,20%,16V,GP,TP,6.3x11,5	
6 C642	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
6 C643	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
6 C644	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
6 C690	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
6 C104	2401-000039	C-ALUMINUM;1000UF,20%,16V,GP,10*16MM,EA	
6 C832	2401-000039	C-ALUMINUM;1000UF,20%,16V,GP,10*16MM,EA	
6 C686	2401-000192	C-ELEC;CE04-40/8550VT102-MW1SG	
6 C688	2401-000192	C-ELEC;CE04-40/8550VT102-MW1SG	
6 C102	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
6 C610	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
6 C620	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5	
6 C806	2401-000360	C-AL;100UF,20%,50V,GP,8X11MM,5	
6 C802	2401-000471	C-AL;10UF,20%,50V,BP,6X11MM,5M	
6 C147	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C601	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C604	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C631	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C632	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C633	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C652	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C656	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C664	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C668	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C669	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C670	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C674	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C675	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C676	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
6 C108	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C113	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C679	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C680	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C684	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM	
6 C827	2401-000832	C-AL;220UF,20%,25V,GP,8X11MM,5	
6 C124	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C125	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C134	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C136	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C139	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C607	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C609	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C612	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C617	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C629	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C630	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C639	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C640	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C683	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
6 C685	2401-001192	C-AL;33UF,20%,50V,GP,6X11MM,5MM,TP	
6 C830	2401-001397	C-AL;470UF,20%,25V,GP,10X16MM,	
6 C106	2401-001513	C-AL;47UF,20%,16V,WT,5X11MM,5M	
6 C645	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C646	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C647	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C648	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C649	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C650	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
6 C720	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
6 C691	2401-002300	C-ELECTROLYTIC;CE04WTAPG50V47U	
6 C831	2401-002300	C-ELECTROLYTIC;CE04WTAPG50V47U	
6 C808	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C809	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C812	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C813	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C816	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C817	2401-002459	C-AL;220UF,20%,25V,WT,10X16MM,	
6 C111	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	

Loc. No.	Code No.	Description ; Specification	Remark
6 C823	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	
6 C834	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
6 C662	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 C706	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 C826	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 C901	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 C903	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
6 L105	2701-000106	INDUCTOR-AXIAL;1.5uH,10%,2.8x7mm	
6 L107	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L108	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L111	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L112	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L113	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L114	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L119	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L120	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L121	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L122	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L123	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L124	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
6 L101	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
6 L103	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
6 L104	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
6 L106	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
6 L703	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
6 L705	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
6 L706	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
6 L102	2701-001040	COIL INDUCTOR; COIL,10uH,ALO5	
6 L605	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 L606	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
6 CN101	3711-002642	POST-HEADER;67094-003(AUTO)	
6 CN903	3711-002642	POST-HEADER;67094-003(AUTO)	
6 CN601	3711-002643	POST-HEADER;YW025-04(AUTO)	
6 CN201	3711-002645	POST-HEADER;67094-006(AUTO)	
6 GT01	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT02	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 GT03	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
6 A/SMD	AA97-07233J	ASSY SMD;HCM4215WX/XAA,P55A	
7 DZ102	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ104	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ107	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ108	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ109	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ701	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ704	0403-000314	DIODE-ZENER;RLZJ9.1B,9.1V,8.80-9.30V,400	
7 DZ601	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ603	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ702	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ703	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ707	0403-001016	DIODE-ZENER;RLZ6.2B,6.2V,5.96-6.27V,400m	
7 DZ602	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7 DZ604	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7 DZ705	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
7 Q101	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q103	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q106	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q703	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q704	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q707	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q708	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q709	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 Q710	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
7 IC701	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
7 IC702	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
7 IC605	1001-001178	IC-AUDIO SWITCH;TEA6422D,AUDIO SWITCH ,S	
7 IC704	1002-001048	IC-A/D&D/A CONVERTER;PCF8591T,8BIT,SOP,1	
7 IC603	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
7 IC602	1204-002002	IC-SOUND PROCESSOR;MSP3420G-B11,PQFP,80P	
7 R101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R143	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R145	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R148	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R706	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R708	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R712	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R729	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
7 R775	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R776	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R777	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R788	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R789	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R791	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R794	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R795	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R79B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R904	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R97C	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
7 R102	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R103	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R107	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R114	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R115	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R116	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R126	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R127	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R170	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R171	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R172	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R601	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R602	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R624	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R625	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R626	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R627	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R646	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R647	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R703	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R707	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R709	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R722	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R724	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R756	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R757	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
7 R730	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
7 R150	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
7 R157	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
7 R166	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
7 R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R603	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R628	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R629	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R630	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R631	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R632	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R633	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R634	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R635	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R636	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R637	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R641	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R642	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R643	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R651	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R652	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R653	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R728	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R793	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R797	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R798	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
7 R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R611	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R688	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R750	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R755	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R780	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
7 R746	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R747	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R748	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R749	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
7 R739	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
7 R741	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
7 R743	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
7 R744	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
7 R149	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R151	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R155	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R156	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R164	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R165	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
7 R704	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
7 R716	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
7 R105	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
7 R110	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
7 R738	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
7 R740	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
7 R742	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
7 R745	2007-000127	R-CHIP;9.1Kohm,5%,1/16W,DA,TP,1608	
7 R607	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
7 R612	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
7 R608	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
7 R609	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
7 R104	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
7 R109	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
7 R605	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R610	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R751	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R752	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R753	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R754	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
7 R118	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R119	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R120	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R121	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R132	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R133	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R134	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R137	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R138	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R140	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R142	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R173	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R174	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R701	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R702	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R710	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R713	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R714	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R725	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R726	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R727	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R731	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R792	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R799	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
7 R606	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
7 R613	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	
7 C608	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
7 C614	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
7 C820	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C821	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C824	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C825	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C828	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C829	2203-000181	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
7 C602	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C619	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C634	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C641	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C651	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C657	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C663	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C705	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C707	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C709	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C721	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C722	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C804	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C805	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	

Loc. No.	Code No.	Description ; Specification	Remark
7 C807	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C810	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C811	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C814	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C815	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C818	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C833	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C835	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C902	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C904	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
7 C114	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C115	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C116	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C117	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C120	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C121	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C126	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C127	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C140	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C141	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C142	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C143	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C145	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C146	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C660	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C661	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
7 C101	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C107	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C109	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C110	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C112	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
7 C653	2203-000332	C-CERAMIC,CHIP;0.012NF,5%,50V,C0G,TP,160	
7 C654	2203-000332	C-CERAMIC,CHIP;0.012NF,5%,50V,C0G,TP,160	
7 C605	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C606	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C611	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C613	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
7 C655	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C658	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C659	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
7 C635	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
7 C636	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
7 C637	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
7 C638	2203-001211	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,1608	
7 C710	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C711	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C712	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C713	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C714	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C715	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
7 C603	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
7 C701	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
7 C702	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
7 C703	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
7 C704	2203-005590	C-CERAMIC,CHIP;330NF,10%,16V,X7R,TP,2012	
7 L125	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L126	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L601	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L602	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L603	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L604	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L701	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L707	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L708	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L901	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L902	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
7 L702	3301-001324	CORE-FERRITE BEAD;AB,150HM,2X1.25X0.9MM,	
7 06VER	AA41-00597F	PCB-MAIN;HCM4215W,FR-4,2L,F,1.6T,245X245	
⚠ 5 IC801	BP98-00035A	ASSY K/D-H/S;AA62-00066B,KA278R0R,KA7808	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
6	1203-001978	IC-VOLTAGE REGULATOR;KA278RA05,TO-220F,4	
6	1203-002003	IC-VOLTAGE REGULATOR;278R09,TO-220,4P,-,	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
6	AA62-00127A	HEAT SINK;DP, AA62-00066B,-,-,-,-,-,P55A	

Loc. No.	Code No.	Description ; Specification	Remark
7	AA62-00066B	HEAT SINK;D2,D3,AL ,T1.0,89,70,-,AA62-00	
5 IC601	BP98-00036A	ASSY K/D-H/S;AA62-00056B,7265	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
6	AA62-00128A	HEAT SINK;DP, AA62-00056A,-,-,-,-,-,P55A	
7	AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,	
⚠ 5 IC808	BP98-00037A	ASSY K/D-H/S;AA62-00045B,3050	
6	0205-000129	GREASE-SILICON;SC102,JAPAN	
6	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	
6	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
6	AA62-00129A	HEAT SINK;DP, AA62-00045B,-,-,-,-,-,P55A	
7	AA62-00045B	HEAT SINK;COMMANDO,AL1050,T1.0,H45.0	
5 X601	2801-004020	CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pF	
3 A/SENSOR	AA95-01841C	ASSY SUB-PCB,SENSOR;DP,PCL545R,P54A,AA95	
4 D01	0603-001067	PHOTO DIODE;-,10V,560nm,BK	
4 CN01	3711-002642	POST-HEADER;67094-003(AUTO)	
4 A/AUTO	AA97-05353A	ASSY AUTO-SUB;DP,PCL545R,P54A	
5 Q01	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
5 R03	2001-000454	R-CARBON;2.2MOHM,5%,1/8W,AA,TP	
5 R01	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
5 R02	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP	
5 PCB	AA41-00433B	PCB-SENSOR;PCL545R,CEM-1,1L,A,1.6T,245X2	
3 A/CTRL	BP94-00235A	ASSY PCB MISC-CONTROL;DP,HCM4215W3S/XAA,	
4 LEDY01	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM	
4 CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
4 SWY01	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY02	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY03	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY04	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY05	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY06	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY07	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 SWY08	3404-001006	SWITCH-TACT;12V,50MA,160GF,6X6	
4 CNY02	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-	
4 CNY01	3711-003353	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,ANGLE,	
4 RMY01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES	
4 CNW01	AA39-00223A	LEAD CONNECTOR-ASSY;,11P,67096-011,35155	
4 CNW02	AA39-00259A	LEAD CONNECTOR-ASSY;,UL1007#26,UL/CSA,3P	
4 A/AUTO	AA97-07423A	ASSY AUTO;HCM4215WX/XAA,P55A	
5 DZY02	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
5 DZY03	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
5 QY01	0504-000123	TR-DIGITAL;KSR1010,NPN,300MW,1	
5 RY07	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,T	
5 RY09	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,	
5 RY04	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 RY02	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,	
5 RY03	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,	
5 RY05	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,	
5 RY06	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 RY08	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,	
5 CY01	2401-002009	C-AL;100UF,20%,16V,GP,TP,6.3X7	
5 JY01	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 JY02	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 JY03	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 03VER	BP41-00001C	PCB-CONTROL;SVP-42W5HD,FR-1,1L,C,1.6T,33	
3 A-A/V	BP94-00203A	ASSY PCB MISC-A/V FRONT;DP,HCM4216W3S/XA	
4 SW101	3404-000208	SWITCH-TACT;12V,50mA,120gf,6x6mm,SPST	
4 CNY702A	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-	
4 CNY01A	3711-003601	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,ANGLE,	
4 JK101	3722-000544	JACK-VHS;4P,11.5mm,AG,BLK,N	
4 JK102	3722-001164	JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22	
4 —	6003-001023	SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL)	
4 CNW702A	AA39-00260A	LEAD CONNECTOR-ASSY;,UL1007#26,UL/CSA,3P	
4 BAND	AA63-10002A	BAND-TIE;-,NYLON66V2,-,-,L100,NTR,-,-	
4 A/AUTO	AA97-07429A	ASSY AUTO-A/V FRONT;HCM4215WX/XAA,P55A	
5 RK101	2001-000006	R-CARBON;2.4KOhm,5%,1/8W,AA,TP,1.8x3.2m	
5 J702	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J703	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 R707	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 R710	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 01VER	AA41-00499B	PCB-FRONT A/V;SVP-54T6SR,FR-1,1L,A,1.6T,	
4 CNW01A	BP39-00016A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL2547	
4 ACPS	BP96-00007G	ASSY COVER P-SIDE,JACK;42W5,ABS HB G3676	
5 HS	AA61-01128C	HOLDER-SIDE,A/V;42W5,ABS HB,G3676,SV-704	
5 INLAV	AA64-02086S	INLAY-AV;42W5,PS SHEET,T0.5,P55A,S/PG	
5 DAV	AA64-02780C	DOOR-AV;42W5,ABS HB,G3676,SV-704P	

Loc. No.	Code No.	Description ; Specification	Remark
3 A/VM	BP94-00238A	ASSY PCB MISC-VM;DP,HCM4215W3S/XAA,P55A	
4 RZ120	2008-001097	R-FUSIBLE(S);33OHM,5%,1/2W,AC,BK,2.5X6.5	
4 CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
4	6003-001023	SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL)	
4 C-Y	AA33-00017A	MAGNET CONVERGENCE;JH 92LT - 29G,-,29.1M	
4 CNZ101	AA39-20055C	LEAD CONNECTOR ASSY;YBNH025-06,67096-006	
4 QZ102	AA96-00243L	ASSY H/S;-,CRT,AA62-00045A,2SC2344,HERC	
5	0205-000129	GREASE-SILICON;SC102,JAPAN	
5	0502-000153	TR-POWER;2SC2344-D,NPN,180V,16	
5	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
5	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
4 QZ101	AA96-00243M	ASSY H/S;-,AMP,AA62-00045A,2SA1011,HERC	
5	0205-000129	GREASE-SILICON;SC102,JAPAN	
5	0502-000131	TR-POWER;2SA1011-D,PNP,-180V,-	
5	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
5	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	
4 A/AUTO	AA97-07230M	ASSY AUTO-VM;COMMANDO	
5 DZ102	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 DZ105	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 DZ106	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 DZ101	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 DZ103	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 DZ104	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 QZ103	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 QZ104	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
5 QZ105	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
5 QZ106	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
5 RZ122	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m	
5 RZ102	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
5 RZ109	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
5 RZ101	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
5 RZ108	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
5 RZ117	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m	
5 RZ118	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m	
5 RZ107	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,	
5 RZ116	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,	
5 RZ119	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,	
5 RZ121	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1	
5 RZ115	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,	
5 RZ104	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,	
5 RZ110	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,	
5 RZ105	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,	
5 RZ106	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,	
5 RZ114	2003-000458	R-METALOXIDE(S);100OHM,5%,2W,A	
5 RZ103	2003-000713	R-METALOXIDE(S);47OHM,5%,2W,AD	
5 RZ111	2003-000713	R-METALOXIDE(S);47OHM,5%,2W,AD	
5 RZ112	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
5 RZ113	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
5 RZ123	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
5 RFZ101	2008-001086	R-FUSIBLE(S);3.3ohm,5%,2W,AG,TP,3.9x12mm	
5 CZ104	2201-000193	C-CERAMIC,DISC;10PF,0.25PF,50V	
5 CZ106	2201-000193	C-CERAMIC,DISC;10PF,0.25PF,50V	
5 CZ103	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,5	
5 CZ105	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,5	
5 CZ110	2201-000604	C-CERAMIC,DISC;56PF,+100-0%,50	
5 CZ111	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
5 CZ112	2401-000832	C-AL;220UF,20%,25V,GP,8X11MM,5	
5 CZ102	2401-001157	C-ELECTROLYTIC;CE04WTAPG160V33	
5 CZ108	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
5 CZ109	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
5 CZ107	2401-001513	C-AL;47UF,20%,16V,WT,5X11MM,5M	
5 CZ101	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
5 LZ101	2701-000002	INDUCTOR-AXIAL;100UH,10%,4.2X9	
5 CNZ102	3711-002642	POST-HEADER;67094-003(AUTO)	
5 CNZ103	3711-002642	POST-HEADER;67094-003(AUTO)	
5 CNZ104	3711-002642	POST-HEADER;67094-003(AUTO)	
5 JZ101	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 JZ102	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 00VER	AA41-00611A	PCB-VM;HCM4215W,FR-1,1L,A,1.6T,245X245,P	
3 A/JACK	BP94-00239A	ASSY PCB MISC-DY-JACK;DP,HCM4215W3S/XAA,	
4 GT01	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	
4 GT05	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	
4 GT09	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	
4 GT13	AA60-40012D	PIN-GT,ASSY;4P,T1.6,6-12.5-14MM,NYLON66	
4 HP	AA61-01197A	HOLDER-PCB,DY;COMANDO,ABS V0,BLK	
4 A/AUTO	AA97-07230N	ASSY AUTO;COMMANDO	
5 R301	2001-001107	R-CARBON(S);220OHM,5%,1/2W,AA,	
5 R302	2001-001107	R-CARBON(S);220OHM,5%,1/2W,AA,	
5 R303	2001-001107	R-CARBON(S);220OHM,5%,1/2W,AA,	
5 00VER	AA41-00632A	PCB-DY CONNECTION;HCM4215W,FR-1,1L,A,1.6	
3 A/CRT	BP94-00234A	ASSY PCB MISC-CRT;DP,HCM4215W3S/XAA,P55A	
4	0204-000442	SOLVENT;CH3-CH5H-CH396%IM-1000	
4 VR501	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
4 VR531	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
4 VR561	2101-000321	VR-ROTARY;1Mohm,-,0.6W,SIDE	
4 C372	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M	
4 CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
4 V501	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
4 V531	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
4 V561	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
4 CN504	3711-002645	POST-HEADER;67094-006(AUTO)	
4 CN501	3711-002648	POST-HEADER;67094-009(AUTO)	
4 CN502	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAGH	
4 CN502B	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAGH	
4 CN503	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
4 CN503R	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
4 SG301	4715-001050	SURGE ABSORBER;2.4kV,20%,1500A,-,DISC-RA	
4 SG502	AA27-00084A	COIL;S-23,S-23,5000Mohm MIN,8.0*8.5mm,30	
4 SG532	AA27-00084A	COIL;S-23,S-23,5000Mohm MIN,8.0*8.5mm,30	
4 SG562	AA27-00084A	COIL;S-23,S-23,5000Mohm MIN,8.0*8.5mm,30	
4 CNW502	AA39-00112A	LEAD CONNECTOR-ASSY;,10P,35155-1000,S,30	
4 CNW503	AA39-00120F	LEAD CONNECTOR-ASSY;SIR-T165,UL1007#26,U	
4 SCW-GND	AA39-00198D	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1617	
4 LC	AA39-20010B	LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P	
4 FS-GND	AA39-20010C	LEAD-CONNECTOR,ASSY;-,YFH800-01,600MM,1P	
4 GBW-GND	AA39-20010D	LEAD-CONNECTOR,ASSY;-,YFH800-01,S,1P,400	
4 GRW-GND	AA39-20010D	LEAD-CONNECTOR,ASSY;-,YFH800-01,S,1P,400	
4 CNW401	AA39-20027B	LEAD CONNECTOR-ASSY;,6P,67096-006,S,400,	
4 CNW501	AA39-20031D	LEAD CONNECTOR-ASSY;,9P,67096-009,S,500,	
4 BAND	AA63-10002A	BAND-TIE;-,NYLON66V2,-,-,L100,NTR,-,-	
4 Q371	AA96-00244H	ASSY H/S;SCREW,2SC4636(2),CRT,SLICON-OIL	
5	0205-000129	GREASE-SILICON;SC102,JAPAN	
5	0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-	
5	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	
5	AA62-00046A	HEAT SINK-PS;-,-,T1.0,-,D1(DREAM) 60X25X	
4 IC501	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
4 IC531	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
4 IC561	AA96-50311L	ASSY H/S;-,AMP,AA62-30175D ,TDA6111Q,HE	
5	1201-001131	IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS	
5	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZP	
5	AA62-30175D	HEATSINK-PS;-,SECC,T1.0,-,33X15X30FT-2	
4 A/AUTO	AA97-07608A	ASSY AUTO-CRT;HCM4215W	
5 D361	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D362	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D371	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D372	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D504	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D509	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D510	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
5 D503	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1	
5 D533	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1	
5 D563	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1	
5 D501	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D531	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D532	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D561	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D562	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
5 D373	0402-000243	DIODE-RECTIFIER;RC2-V1,2000V,0	
5 DZ501	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
5 DZ531	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
5 DZ561	0403-000334	DIODE-ZENER;UZ2.7BSA,2.7V,2.54-2.75V,500	
5 DZ502	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
5 DZ532	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
5 DZ562	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
5 DZ503	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
5 DZ533	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
5 DZ563	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
5 Q361	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 Q504	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 Q533	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 Q534	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 Q563	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
5 Q362	0501-000366	TRANSISTOR;KSC2330-Y(TAPG)	

Loc. No.	Code No.	Description ; Specification	Remark
5 Q502	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
5 Q501	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
5 Q531	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
5 Q561	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
5 R504	2001-000006	R-CARBON;2.4Kohm,5%,1/8W,AA,TP,1.8x3.2m	
5 R556	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
5 R516	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
5 R541	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
5 R546	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
5 R576	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,	
5 R524	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
5 R554	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
5 R584	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
5 R520	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
5 R550	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
5 R580	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
5 R517	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
5 R547	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
5 R577	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
5 R366	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,	
5 R562	2001-000232	R-CARBON;1.3KOHM,5%,1/8W,AA,TP	
5 R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,	
5 R571	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,	
5 R531	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
5 R558	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M	
5 R505	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,	
5 R557	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,	
5 R570	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,	
5 R503	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R530	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R533	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R563	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R569	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
5 R526	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP,	
5 R534	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5 R527	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
5 R376	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
5 R500	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
5 R362	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,	
5 R363	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP	
5 R509	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
5 R542	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
5 R555	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
5 R568	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
5 R510	2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R540	2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R564	2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R364	2001-000938	R-CARBON ;68ohm,5%,1/8W,AA,TP,1.8x3.2mm	
5 R502	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,	
5 R532	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,	
5 R528	2001-001015	R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m	
5 R506	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AB	
5 R536	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AB	
5 R566	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AB	
5 R521	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
5 R551	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
5 R581	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
5 R367	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R368	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R369	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R369A	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R370	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R371	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA	
5 R381	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
5 R507	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
5 R537	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
5 R567	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
5 R361	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA	
5 R372	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA	
5 R373	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA	
5 R374	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA	
5 R377	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA	
5 R375	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA	
5 R365	2001-001120	R-CARBON(S);3.3OHM,5%,1/2W,AA,	
5 R514	2001-001122	R-CARBON/METALFILM;RD1/2T3.9K-	
5 R544	2001-001122	R-CARBON/METALFILM;RD1/2T3.9K-	
5 R574	2001-001122	R-CARBON/METALFILM;RD1/2T3.9K-	

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5 R522	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R523	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R552	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R553	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R582	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R583	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
5 R382	2002-001014	R-COMPOSITION;6.8Kohm,10%,1/2W,AA,TP,3.7	
5 R529	2002-001015	R-COMPOSITION;47KOHM,10%,1/2W,AA,TP	
5 R559	2002-001015	R-COMPOSITION;47KOHM,10%,1/2W,AA,TP	
5 R589	2002-001015	R-COMPOSITION;47KOHM,10%,1/2W,AA,TP	
5 R515	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
5 R545	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
5 R575	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
5 R518	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R519	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R548	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R549	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R578	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R579	2002-001021	R-COMPOSITION;560KOHM,10%,1/2W,AA,TP,3.7	
5 R508	2003-000738	R-METALOXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
5 R538	2003-000738	R-METALOXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
5 R588	2003-000738	R-METALOXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
5 R378	2004-001892	R-METAL(S);162KOHM,1%,1/2W,AA,	
5 R379	2004-001892	R-METAL(S);162KOHM,1%,1/2W,AA,	
5 R380	2004-001892	R-METAL(S);162KOHM,1%,1/2W,AA,	
5 R513	2008-001129	R-FUSIBLE(S),1.5OHM,5%1/2W,AF,TP,2.5	
5 R543	2008-001129	R-FUSIBLE(S),1.5OHM,5%1/2W,AF,TP,2.5	
5 R573	2008-001129	R-FUSIBLE(S),1.5OHM,5%1/2W,AF,TP,2.5	
5 C503	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
5 C533	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
5 C563	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,5MM,TAP	
5 C376	2201-000556	C-CERAMIC,DISC;470PF,10%,500V,	
5 C514	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
5 C544	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
5 C574	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
5 C511	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
5 C541	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
5 C571	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
5 C513	2201-000983	C-CERAMIC,DISC;1nF,10%,2kV,Y5P,TP,9x5,7.	
5 C543	2201-000983	C-CERAMIC,DISC;1nF,10%,2kV,Y5P,TP,9x5,7.	
5 C573	2201-000983	C-CERAMIC,DISC;1nF,10%,2kV,Y5P,TP,9x5,7.	
5 C505	2305-000149	C-FILM;CF922N100VT104-J-40/105	
5 C535	2305-000149	C-FILM;CF922N100VT104-J-40/105	
5 C565	2305-000149	C-FILM;CF922N100VT104-J-40/105	
5 C507	2305-000154	C-FILM,MPEF;100NF,5%,400V,21.5	
5 C537	2305-000154	C-FILM,MPEF;100NF,5%,400V,21.5	
5 C567	2305-000154	C-FILM,MPEF;100NF,5%,400V,21.5	
5 C361	2306-000122	C-FILM,MPPF;100NF,5%,50V,7.3X4	
5 C502	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
5 C532	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
5 C562	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm	
5 C512	2401-000133	C-AL;1000uF,20%,16V,GP,TP,10x20,5	
5 C371	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
5 C373	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5	
5 C506	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C510	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C536	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C540	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C566	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C570	2401-000430	C-ELECTROLYTIC;CE04WTAPG250V10	
5 C504	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
5 C534	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
5 C564	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
5 C374	2401-001621	C-AL;6.8UF,20%,450V,GP,10X20MM	
5 L501	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
5 L531	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
5 L561	2701-000168	INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm	
5 J501	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J502	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J503	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J504	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J505	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J507	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J532	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J533	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J534	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J535	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	

Loc. No.	Code No.	Description ; Specification	Remark
5 J536	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J537	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J540	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J561	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J565	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J566	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 J568	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 R525	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 R535	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 R565	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5 SG501	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 SG503	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 SG531	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 SG533	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 SG561	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 SG563	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	
5 EL01	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL02	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL04	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL05	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL503	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL504	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL505	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL533	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL534	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL535	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL536	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL537	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL563	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL564	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL565	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL566	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 EL567	6042-000001	EYELET;ID2.2,OD2.7,L3.1,SN,BSS3-E/EH	
5 04VER	AA41-00600E	PCB-CRT;HCM4215W,FR-1,1L,E,1.6T,245X197(	
5 EL03	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
5 EL06	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
5 GT371	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT372	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT373	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT374	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT375	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT501	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT502	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT503	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT504	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT506	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT531	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT532	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT533	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT534	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT535	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT536	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT537	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT561	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT562	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT563	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT564	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT567	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
5 GT568	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO	
4 RPW-SCR	BP39-00004B	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
4 GBW-SCR	BP39-00004C	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
4 GRW-SCR	BP39-00004C	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL3239	
4 MODULE	BP59-00005A	MODULE-FOCUS PACK ASS'Y;PJT TV,F301-P03A	
3 A/AMP	BP94-00155A	ASSY PCB MISC-CG-AMP;DP,HCM4215W3S/XAA,P	
4 CNZ02	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
4 CNZ03	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
4 CNZ04	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
4 CNZ05	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
4 CNZ01	3711-003046	CONNECTOR-HEADER;BOX,9P,1R,2.5MM,STRAIGH	
4	4715-000106	SURGEABSORBER;300V,-,-,-,CHIP	
4 CWIRE	AA65-30110A	CLAMP-WIRE;NYLON 66,V2,BLK,PAL TVI,ALL M	
4 A/AUTO	BP97-00506A	ASSY AUTO;HCN5529WX/XAA,P55A	
5 RZ111	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5 RZ112	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5 RZ133	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5 RZ134	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5 RZ135	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description ; Specification	Remark
5 RZ113	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ115	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ117	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ136	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ138	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ140	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP	
5 RZ110	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP	
5 RZ114	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ116	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ118	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ137	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ139	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ141	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,	
5 RZ104	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 RZ105	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 RZ106	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 RZ107	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 RZ108	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 RZ109	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,	
5 R856	2001-001155	R-CARBON(S);5.6Kohm,5%,1/2W,AA,TP,2.4x6.	
5 R857	2001-001155	R-CARBON(S);5.6Kohm,5%,1/2W,AA,TP,2.4x6.	
5 RZ129	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ129A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ130	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ130A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ131	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ131A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ132	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ132A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ148	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ148A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ149	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ149A	2003-002171	R-METAL OXIDE(S);150ohm,5%,2W,AG,TP,3.9x	
5 RZ123	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ124	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ125	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ126	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ127	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ128	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ142	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ143	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ144	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ145	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ146	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 RZ147	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
5 CZ117	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
5 CZ118	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
5 CZ138	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
5 CZ139	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y	
5 CZ151	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ152	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ153	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ154	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ155	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ156	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
5 CZ111	2202-000205	C-CERAMIC,MLC-AXIAL;22PF,5%,50	
5 CZ115	2202-000205	C-CERAMIC,MLC-AXIAL;22PF,5%,50	
5 CZ132	2202-000205	C-CERAMIC,MLC-AXIAL;22PF,5%,50	
5 CZ134	2202-000205	C-CERAMIC,MLC-AXIAL;22PF,5%,50	
5 CZ136	2202-000205	C-CERAMIC,MLC-AXIAL;22PF,5%,50	
5 CZ113	2202-000561	C-CERAMIC,MLC-RADIAL;680pF,5%,50V,NPO,TP	
5 CZ114	2202-000561	C-CERAMIC,MLC-RADIAL;680pF,5%,50V,NPO,TP	
5 CZ112	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
5 CZ116	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
5 CZ133	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
5 CZ135	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
5 CZ137	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP	
5 CZ108	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 CZ109	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 CZ110	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 CZ126	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 CZ127	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 CZ128	2202-000863	C-CERAMIC;CKOAX7R50VT561-KUP050561	
5 C866	2401-000183	C-AL;1000uF,20%,35V,WT,TP,12.5x25,5	
5 C869	2401-000183	C-AL;1000uF,20%,35V,WT,TP,12.5x25,5	
5 CZ140	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
5 CZ141	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	

Loc. No.		Code No.	Description ; Specification	Remark
5	LZ107	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	LZ108	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	LZ109	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	LZ110	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	LZ111	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	LZ112	2701-000142	INDUCTOR-AXIAL;1UH,10%,2.5X3.4	
5	J110	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J112	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J113	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J114	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J116	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J118	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J120	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J123	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J124	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J125	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J126	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J127	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	J128	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M(A	
5	SGZ101	4715-000106	SURGEABSORBER;300V,-,-,-,CHIP	
5	ELZ01	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
5	ELZ02	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
5	ELZ03	6042-000002	EYELET;IDI.5,OD2,L3.1,SN,BSS3-E/EH	
5	00VER	BP41-00045A	PCB;HCN5529W,PCB-CG AMP,1L,1.6T,245*245,	
5	DZ101	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8	
5	DZ102	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8	
4	CNW01	BP39-00005A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL2547	
4	CNW03	BP39-00015A	LEAD CONNECTOR-ASSY;P55A/HCM4215W,UL1185	
4	HP	BP61-00076A	HOLDER-PUSH,A;42W5,NYLON6.6,NATURAL	
4	HP	BP61-00077A	HOLDER-PUSH,B;42W5,NYLON6.6,NATURAL	
4	SB	BP63-00011A	SHEET-BARRIER;42W5,PC,V0,SHEET,T0.5	
4	CZ101	BP96-00005A	ASSY HEAT SINK P;BP62-00002A,SCREW,STK39	
5		1201-001225	IC-VIDEO AMP;392,SIP,22P,-,TRIPLE,-,PLAS	
5		6003-001021	SCREW-TAPTITE;RH,+,B,M3,L15,ZPC(YEL),SWR	
5		BP62-00002A	HEAT SINK;COMMANDO,A1050P,T2.0,W62.0,H14	
5		BP62-00008A	HEAT SINK;COMMANDO CG AMP,AL6063,T2.0,W1	
5		BP73-00002A	SILICON/RUBBER;COMMANDO CG AMP,SILICON ,	
2	D/B	AA26-00101A	TRANS FBT;FWZ50A001E,-,-,-,-,-,-,-,-,-,-	
⚠ 2	PWR/AC	AA96-00156A	ASSY-POWER,CORD;-,EP2/YES(US),H/C100MM,K	
3		3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
3		3811-000401	WIRE-VINYLU/C;1007-10#22(S)-BLK	
3		AA39-10007Y	POWER-CORD;-,EP2/YES,SPT-2 18AWGx2C,2.4m	
3		AA61-20284A	HOLDER P CORD;PP,VO,BLK,KE-002	
3		AA63-10002B	BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,-	
2	LEAD	AA39-20010B	LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P	
2	CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
2	BAND	AA63-10002B	BAND-TIE;-,NYLON66V2,-,-,L140,NTR,-,-	
2	C/WIRE	AA65-30104B	CLAMP WIRE; NYLON 66, V2,BLK, W2 Z5	
2	SIL-SPK	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2	SIL-CRTR	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2	SIL-CRTG	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2	SIL-CRTB	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2	CHASS	AA39-20010B	LEAD-CONNECTOR,ASSY;-,YFH800-01,500MM,1P	
2	J166	AA39-20010C	LEAD-CONNECTOR,ASSY;-,YFH800-01,600MM,1P	
2	CGMOD	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	

ASSY COVER FRONT

1		BP90-00014Z	ASSY COVER FRONT;42HD43ASC/SCA,P55A	
2	T/RC	0203-001290	TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50	
2	T+FR+FI	0203-001329	TAPE-OPP MASKING;ANT-300P,T0.07,W15.0,L5	
2	BMI+CBT	6002-000522	SCREW-TAPPING;TH,+,2,M4,L15,ZP	
2	CBT+CFM	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	CBT+CW	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	CFM+CW	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	CPC+CW	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	EMI+WOOD	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	IS+CW	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	BCM+CW	6006-001094	SCREW-ASS'Y WOOD;WW,HH,+,M7,L32,ZPC(YEL)	
2	SCD	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE V0(9	
2	BF+BCM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
2	BS+CFM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
2	CGH+BCM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
2	HP+BCM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
2	HV+BCM	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
2	BCM	AA61-00475A	BRACKET-CRT,MAIN;TOOL,PRESS,-,-,-,-,PJT	
2	GUIDE/BCM	AA61-00618C	GUIDE-FLOW;54J8,J7,ABS,IVORY,V0	
2	BAND	AA63-10002A	BAND-TIE;-,NYLON66V2,-,-,L100,NTR,-,-	
2	A/CFM	AA64-02727T	CABINET FRONT-MASK;42W5,HIPS,HB,G4309,SV	
3	VB+CFM	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
3	VB	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	
2	CBT	AA64-02728A	CABINET-BACK,TOP;42W5,HIPS,HB,G4309	
2	BADGE	BP64-00277A	BADGE-BRAND;42W5,AL,T1.5,12.5,72.0,BLK,S	
2	CCW	AA65-00020A	CLAMP CORE-WIRE;55W9,NYLON 66	
2	ST	AA67-00193A	SCREEN-TINT;42W,958*550,T=0.73,P=052	
2	SFR	AA67-00193B	SCREEN-FRESNEL;42W,960*552,T=2.0	
2	MF	AA67-00204A	MIRROR-FRONT;42W5,FSM,870*633*446	
2	SFIL	AA67-00207A	SCREEN-FILTER;,T=82%,960*552*2,G=110,AG	
2	RUB/SUP	BH73-60304C	RUBBER-SUPPORT;DP15LT,CRV0,GRAY,-,14*7	
2	L-SEN	BP39-00009A	LEAD CONNECTOR ASSY;P54A/SVP-42W5,UL2547	
2	BKTSTB	BP61-00010A	BRACKET-SCREEN,TB;DP,42W5,AA61-01121A,26	
3		AA61-01121A	BRACKET-SCREEN,TB;42W5,SECC,T1.0	
2	BKTSRL	BP61-00011A	BRACKET-SCREEN,RL;DP,42W5,AA61-01122A,13	
3		AA61-01122A	BRACKET-SCREEN,RL;42W5,SECC,T1.0	
2	BM	BP61-00012A	BRACKET-MIRROR;DP,42W5,AA61-01123A,11.8K	
2	HS	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	
2	HW	BP61-00052A	HOLDER-WIRE;PJTV,NYLON,66,NATURAL	
2	EMI	BP63-00099A	SHEET-EMI COVER;42W5,PET+AL,0.35,SILVER,	
2	INL/SUP	BP64-00029A	INLAY-SUPPORT;42W5,PS SHEET,T0.5,94V0	
2	RC	BP73-00004A	RUBBER-CAP;42W5,SILICONE,WHT,RUBBER	
2	CW	BP96-00160A	ASSY COVER P;WOOD,42W5,P55A	
3	CW	AA64-02724A	CABINET-WOOD;42W5,WOOD,SDE8336R	
3	SPK	3001-001353	SPEAKER;25W,8OHM,90DB+/-3DB,60HZ+/-12HZ	
3	SPK	3001-001107	SPEAKER;20W,8OHM,95+-2DB,1300HZ	
3	L/SPK1	AA39-00086A	LEAD CONNECTOR-ASSY;,2.2UF,REC,REC,200MM	
3	SPK+CW	AA60-10051A	SCREW-WOOD;PH,+,M4,L16,ZPC(BLK),SWRCH18A	
3	HR	AA61-00094C	HOLDER-RAIL;-,PCJ533R,ABS,HB,BLK,480	
3	HW	AA61-00097A	HOLDER-WIRE;-,-,NYLON 6/6,-,NTR,-	
3	HJ	AA61-00508D	HOLDER-JERSEY;W3,ABS V0,GRAY,G4309	
3	BGB	AA61-00533B	BRACKET-GRILLE;43,54,62J8,SECC-1 ,T0.5,-	
3	BGS	BP61-00035A	BRACKET-GRILLE;42W5,SECC-1,T1.0	
3	HCM	AA61-00616B	HOLDER-CRT,MAIN;54J7,DP,-,-,-,-AA61-005	
3	L/SPK2	AA98-00049A	ASSY-LEAD,CON;-,LEAD-CON,CORE,AA39-20505	
4		3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
3	HP	BP61-00019A	HOLDER-PALLET;42W5,HIPS HB,BLK	
2	L/QMS	AA68-02391A	LABEL-QMS;ART-PAPER(90)G,110x24mm	
2	FELT/MIR	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	
2	LEAD-SEN	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
2	LEAD-SEN	AA63-10002A	BAND-TIE;-,NYLON66V2,-,-,L100,NTR,-,-	
2	SCDCRT	AA63-00573A	FELT;ALL PJTV,0.5,35MM,80MM,BLK,SPA	

ASSY COVER REAR

1		BP90-00176A	ASSY COVER REAR;42HD43AX/SCA,P55A	
2	CBB+CBT	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	CBT+CPC	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	TB+RJK	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	HC+CW	6005-001003	SCREW-WOOD;HH,+,M4,L20,ZPC(BLK),SWRCH18A	
2	CFB	AA64-02725F	CABINET-FRONT,BOT;42W5,HIPS,V0,G4309,SVM	
3	VA+CFB	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
3	VA	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	
3	BD	AA64-02743A	BADGE-DECORATION;42W5,AL,NI,RS	
3	RS	BP73-00001A	RUBBER-SHEET;42W5,NBB RUBBER,GRAY,10*20	
2	CBB	AA64-02729B	CABINET-BACK,BOT;42W5,HIPS,V0,G4309	
2	INL/COV	AA64-60421C	INLAY-COVER;-,PS,T0.3,-,-,BLK,SEA	
2	INL/COV	AA64-60449B	INLAY-COVER;SP-434JMF,-,PS,T0.5,BLK,149.	
2	AC+BC	AA65-30008A	CLAMP-CORD;-,PE,HB,BLK,-,-	
2	CPC	AA64-02726A	CABINET-PANEL,CONTROL;42W5,HIPS,HB,G4309	
3	VB+CPC	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
3	VA+CPC	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
3	KC+CPC	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
3	ID	BP64-00035D	INLAY-DECORATION;42W5,AL,T0.4,MIJU	
3	GKC	AA61-01130A	GUIDE-KNOB,CONTROL;42W5,ABS HB,G3676,SVM	
3	VA	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	
3	VB	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	
3	HW	AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,-,NTR,DAFC-25	
3	SPRING	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	
3	KP	AA64-02740A	KNOB-POWER;42W5,ABS,HB,G3676,COT	

Loc. No.	Code No.	Description ; Specification	Remark
3 WRL	AA64-02742A	WINDOW-RMC,LED;42W5,PC,CLR	
3 KC	BP64-00011A	KNOB-CONTROL;DP,42W5,AA64-02739A 10.5KG	
2 L/DHHS	AA68-01065S	LABEL-D.H.H.S;,A/P 90(G),63,73,P16QDU,P1	
2 AP+KC	6003-001023	SCREW-TAPTITERWH,+,B,M3,L10,ZPC(YEL)	
2 PCB-R	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2 TBOARD	AA65-00023A	TERMINAL-BOARD,ANT;,HIPS V0,BLK	
2 IN/TER	AA64-02836B	INLAY-TERMINAL,NT;42W5,PS SHEET,T0.5,BLK	

ASSY CPT

1	BP91-00259A	ASSY CPT;HCM4215WX/XAA,P55A,ASSY-PRT	
2 A/CPTR	BP91-00256A	ASSY CPT-R;HCM4215WX/XAA,P55A,DELTA71,RE	
3 ADHSIL	0201-001030	ADHESIVE-SIL;SE9178,GRY,NON-FLOW,UL94V0	
3 TAPE	0203-001303	TAPE-ACETATE;#1554,T0.25,W19,L30000,WHT	
3 GLYCOL	0204-001148	ETHYLENE GLYCOL;MS-S02,CH20HCH20H,80,20	
⚠3 CRT	AA03-00326A	CRT COLOR;P16LFM00RFA(TU),FREE,0.78MH,7.	
3 FLY	AA26-30006F	TRANS-FLYBACK;-,FWZ-50A001C,55',30KV	
3 D-Y	AA27-00249A	DEFLECTION YOKE;-,DPD-5292AA,S/S,7,29.1	
3 C-Y	AA33-00016A	MAGNET CONVERGENCE;JH 92LT - 29F,-,29.1M	
3 LEAD	AA39-00018A	LEAD CONNECTOR-ASSY;-,YFH800-01,YRH187RH	
3 S/DY	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	
3 S/CRT	AA60-00128B	SPACER-CRT;PROJ(65),SILICONE,D/GRAY	
3 S/CAP	AA60-00126B	SPACER-CAP;PROJ,EPDM,BLK	
3 S/LENS	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	
3 BC+AL	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
3 BKT/LENS	AA61-00056B	BRACKET-LENS;-,PROJECTION,SECC,T1.6,-,-,	
3 CC	AA61-00845A	CASE-COUPLER,R;DP,PROJ,AA61-00806B	
3 H/CAP	AA61-00810B	HOLDER-CAP;PROJ,PC,CLR	
3 S/LENSF	AA63-00076A	SPACER-LENS;FELT ,T1.0,BROWN,7CRT,PROJE	
3 A/LENS	AA67-00187A	LENS-ASSY;DELTA71,CLEAR A/B	
3 LENS	AA67-00188A	LENS;DELTA71,RED C ELEMENT	
3 ABKT/CRT	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
3 H/CRT	BP61-00091A	HOLDER-CRT;PJTV,PCABS GF20%,BLUE	
2 A/CPTG	BP91-00257A	ASSY CPT-G;HCM4215WX/XAA,P55A,DELTA71,GR	
3 ADHSIL	0201-001030	ADHESIVE-SIL;SE9178,GRY,NON-FLOW,UL94V0	
3 TAPE	0203-001303	TAPE-ACETATE;#1554,T0.25,W19,L30000,WHT	
3 GLYCOL	0204-001148	ETHYLENE GLYCOL;MS-S02,CH20HCH20H,80,20	
⚠3 CRT	AA03-00327A	CRT COLOR;P16LFM00HHA(TU),FREE,0.78MH,7.	
3 FLY	AA26-30006F	TRANS-FLYBACK;-,FWZ-50A001C,55',30KV	
3 D-Y	AA27-00249A	DEFLECTION YOKE;-,DPD-5292AA,S/S,7,29.1	
3 LEAD	AA39-00018A	LEAD CONNECTOR-ASSY;-,YFH800-01,YRH187RH	
3 S/DY	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	
3 S/CRT	AA60-00125B	SPACER-CRT;PROJ,SILICONE,D/GRAY	
3 S/CAP	AA60-00126B	SPACER-CAP;PROJ,EPDM,BLK	
3 S/LENS	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	
3 BC+AL	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
3 BKT/LENS	AA61-00056B	BRACKET-LENS;-,PROJECTION,SECC,T1.6,-,-,	
3 CC	AA61-00846A	CASE-COUPLER,G;DP,PROJ,AA61-00807B	
3 H/CRT	AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	
3 H/CAP	AA61-00810B	HOLDER-CAP;PROJ,PC,CLR	
3 S/LENS	AA63-00076A	SPACER-LENS;FELT ,T1.0,BROWN,7CRT,PROJE	
3 A/LENS	AA67-00187A	LENS-ASSY;DELTA71,CLEAR A/B	
3 LENS	AA67-00189A	LENS;DELTA71,GREEN C ELEMENT	
3 ABKTCRT	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
2 A/CPTB	BP91-00258A	ASSY CPT-B;HCM4215WX/XAA,P55A,DELTA71,BU	
3 ADHSIL	0201-001030	ADHESIVE-SIL;SE9178,GRY,NON-FLOW,UL94V0	
3 TAPE	0203-001303	TAPE-ACETATE;#1554,T0.25,W19,L30000,WHT	
3 GLYCOL	0204-001148	ETHYLENE GLYCOL;MS-S02,CH20HCH20H,80,20	
⚠3 CRT	AA03-00328A	CRT COLOR;P16LFM00BMB(TU),FREE,0.78MH,7.	
3 FLY	AA26-30006F	TRANS-FLYBACK;-,FWZ-50A001C,55',30KV	
3 D-Y	AA27-00249A	DEFLECTION YOKE;-,DPD-5292AA,S/S,7,29.1	
3 C-Y	AA33-00018A	MAGNET CONVERGENCE;JH 92LT - 36F,-,29.1M	
3 LEAD	AA39-00018A	LEAD CONNECTOR-ASSY;-,YFH800-01,YRH187RH	
3 S/DY	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	
3 S/CAP	AA60-00126B	SPACER-CAP;PROJ,EPDM,BLK	
3 S/LENS	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	
3 S/CRT	AA60-00128B	SPACER-CRT;PROJ(65),SILICONE,D/GRAY	
3 BC+AL	AA60-10011A	SCREW-TAPTITE;HH,+,PC,M4,L12,ZPC(BLK),SW	
3 BKT/LENS	AA61-00056B	BRACKET-LENS;-,PROJECTION,SECC,T1.6,-,-,	
3 CC	AA61-00847A	CASE-COUPLER,B;DP,PROJ,AA61-00808B	
3 H/CAP	AA61-00810B	HOLDER-CAP;PROJ,PC,CLR	
3 S/LENS	AA63-00076A	SPACER-LENS;FELT ,T1.0,BROWN,7CRT,PROJE	
3 A/LENS	AA67-00187A	LENS-ASSY;DELTA71,CLEAR A/B	
3 LENS	AA67-00190A	LENS;DELTA71,CLEAR C ELEMENT	
3 ABKTCRT	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
3 H/CRT	BP61-00091A	HOLDER-CRT;PJTV,PCABS GF20%,BLUE	

ASSY BOX

1	BP92-00361W	ASSY BOX;42HD43ASC/SCA,P55A	
2 L/BCODE	AA68-01542A	LABEL;(UNIBOX),PAPER WHT ALLMD	
2 PCK-BOT	AA69-01678A	PACKING-COVER,BOT;42W5,H-3 AB,C3,YEL,910	
2 PCK-OUT	BP69-00019G	PACKING CASE-OUT;42W5(SAMEX),D-4 AB,C3,Y	

ASSY P/MATERIAL

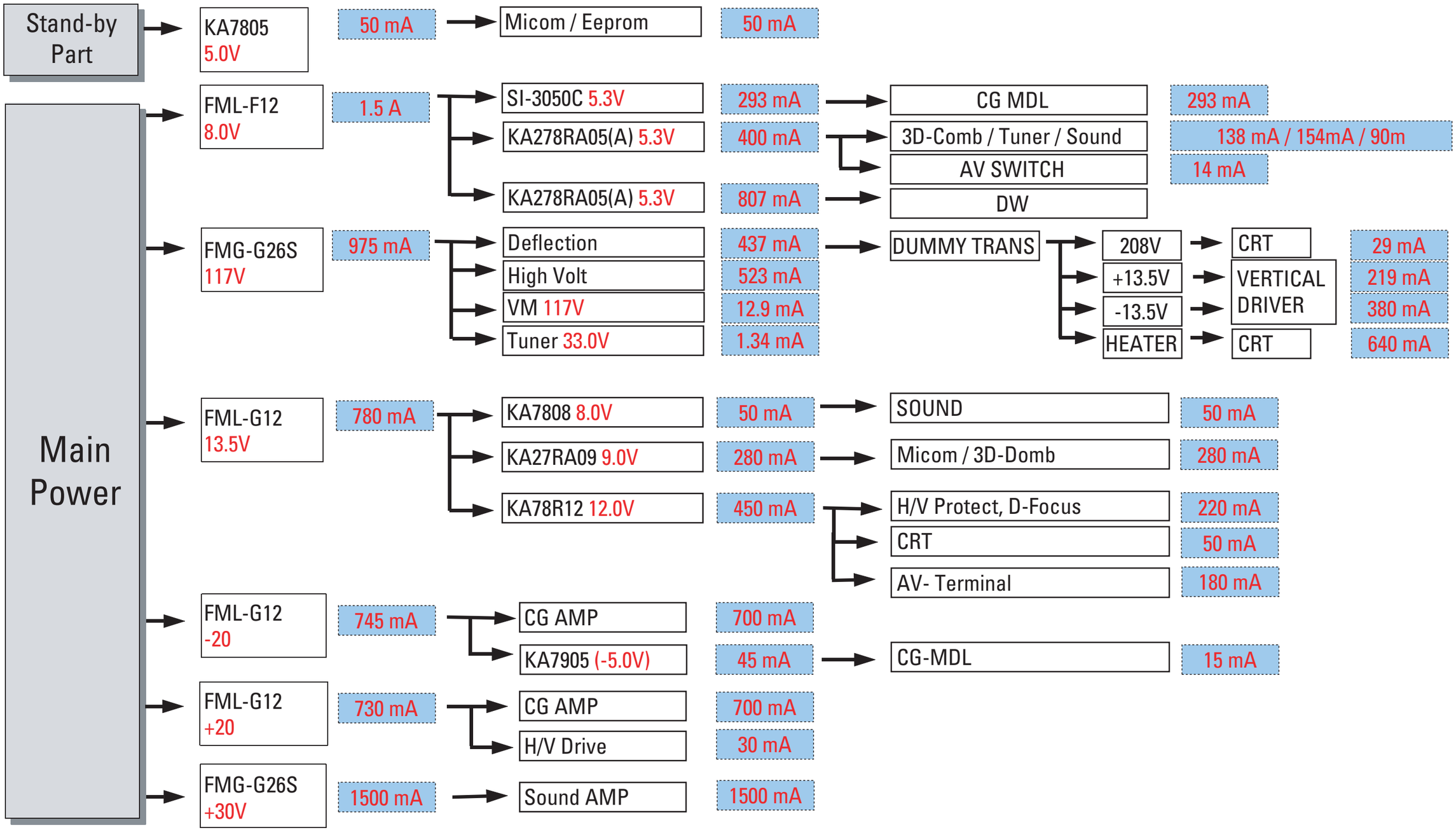
1	BP92-00009A	ASSY P/MATERIAL;42W5,SVP-42W5HR	
2 BOX	0203-001096	TAPE-CELLULOSE;#301,T0.06,W75,L400,WHT	
2 ACCERY	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	
2 STAPLE	AA60-40006A	PIN-STAPLE;-,-,-,H18,33X17.8X2	
2 B/PP	AA63-10007C	BAND PP;W18,CLEAR,1G	
2 BAG	AA69-01210A	BAG;SHEET,32-36,W65,L63,FOAM,OEM.	
2 C/SET	AA69-01651A	CUSHION-SET;42W5,PS FOAMED,C=0.02	

ASSY ACCESSORY

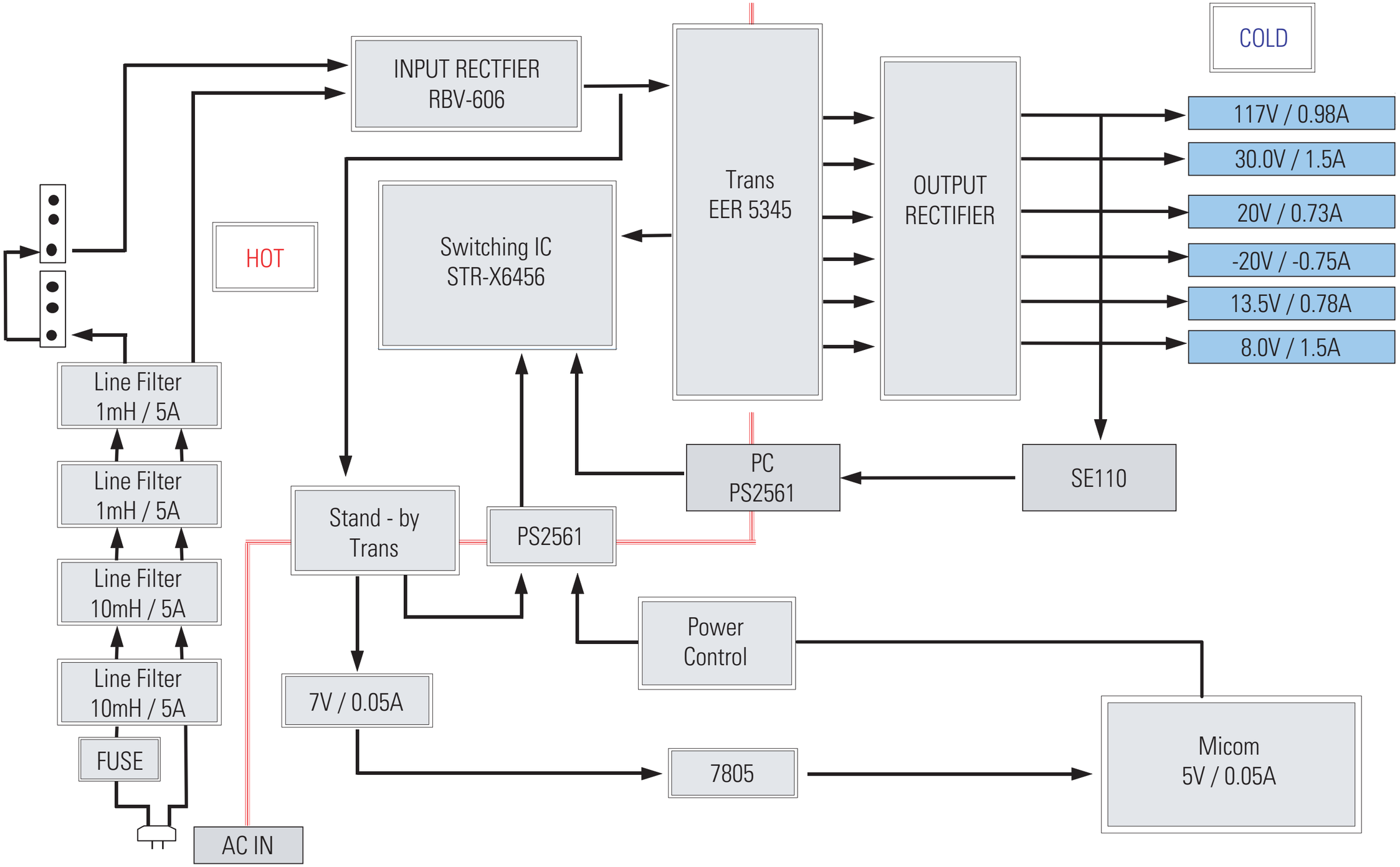
1	BP92-00448A	ASSY ACCESSORY;42HD43AX/SCA,P55A	
2 BATT	4301-000121	BATTERY-MN;1.5V,-,AAA,10.5X44.	
2 C/RCA	AA39-00006A	CABLE-RCA;-,RCA,3000MM,0.12/10,RED/WHT/Y	
2 C/WARR	BP68-00170A	MANUAL-CARD WARRANTY;42HD43A,Secure Aler	
2 BAG(ACCS)	AA69-01196A	BAG PE;CR20805X,LDPE, 93/4X151/2,(ACC	
2 RMT	BP59-00038A	REMOCON;TM63,42HD43A,48,G6671B,NT,EX,NT,	
2 I/B(ENG)	BP68-00168A	MANUAL USERS;42HD43A,Secure Alert,Eng	

8. Block Diagram

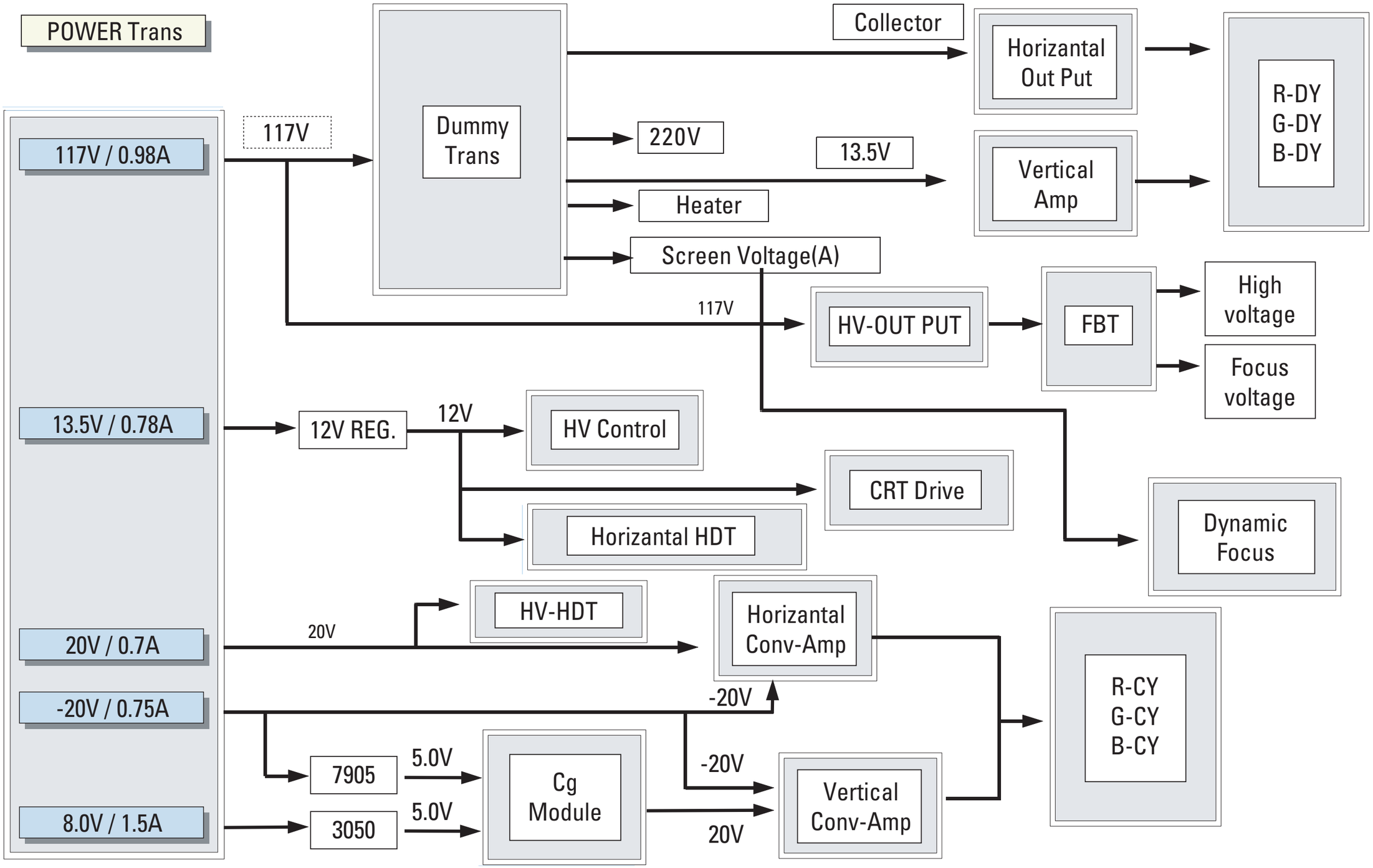
8-1 Current System



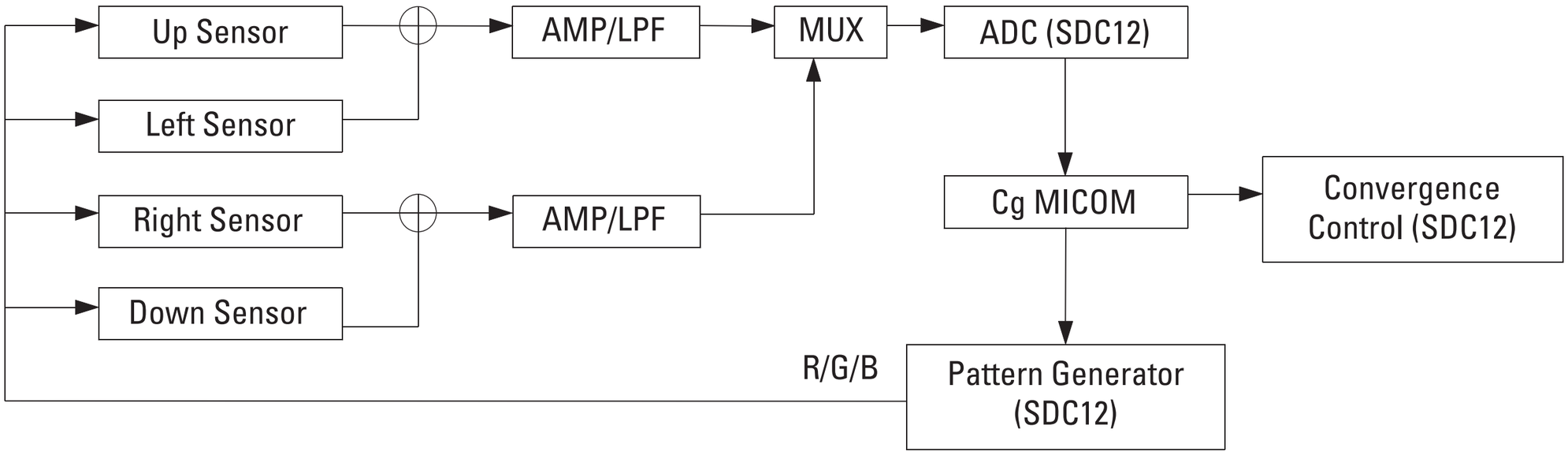
8-2 Power Supply System



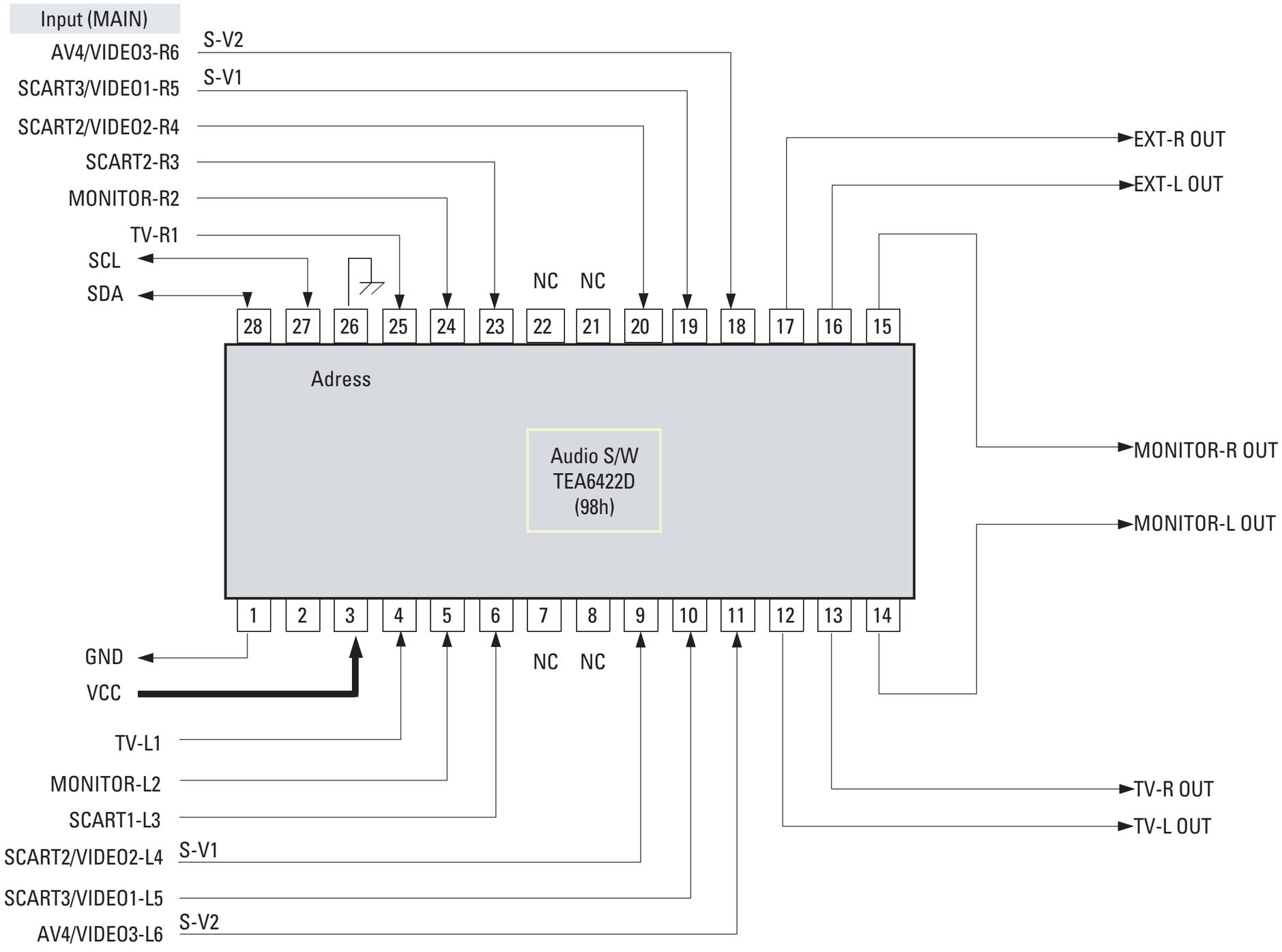
8-3 Deflection System



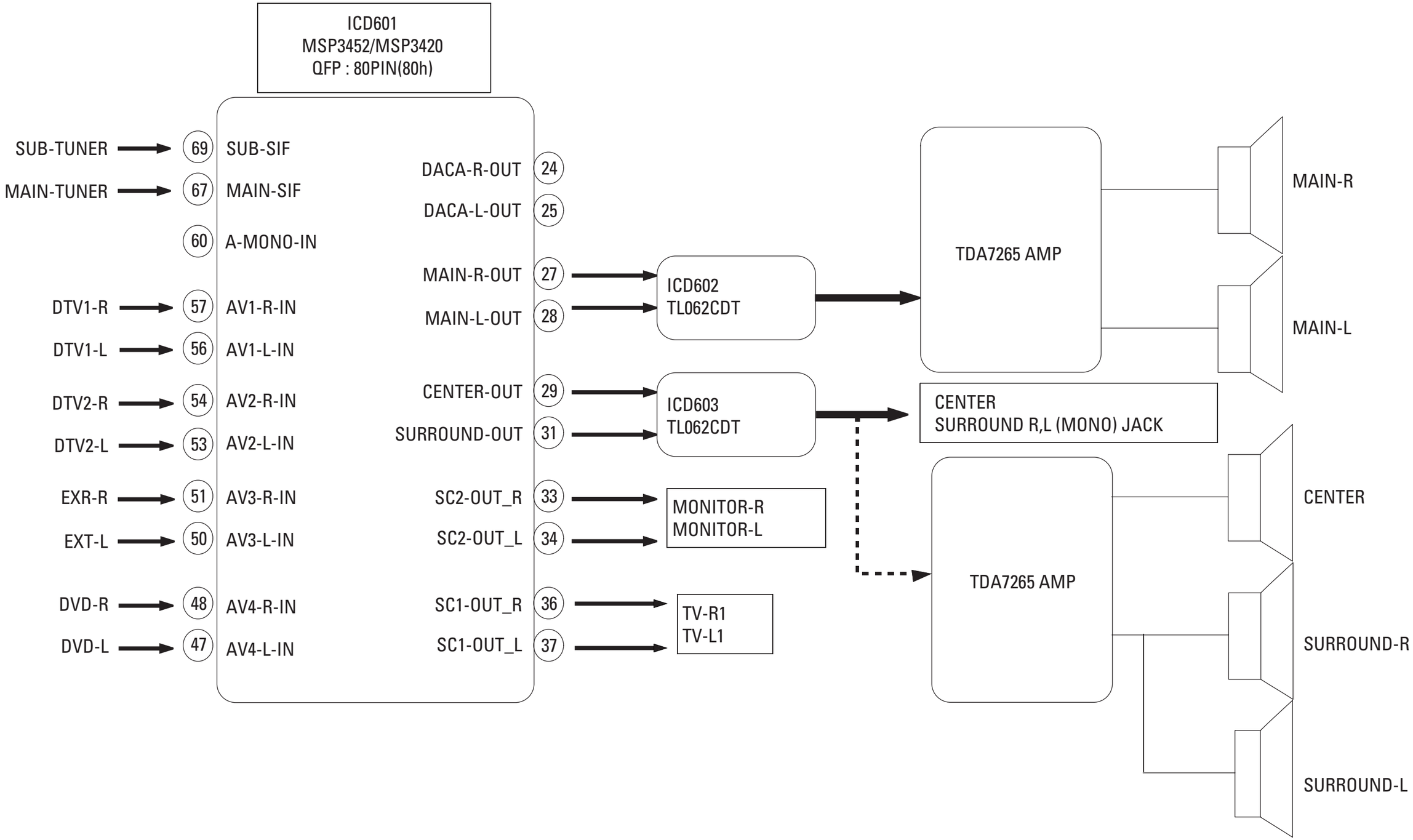
8-4 SDC Perfect Focus Block Diagram



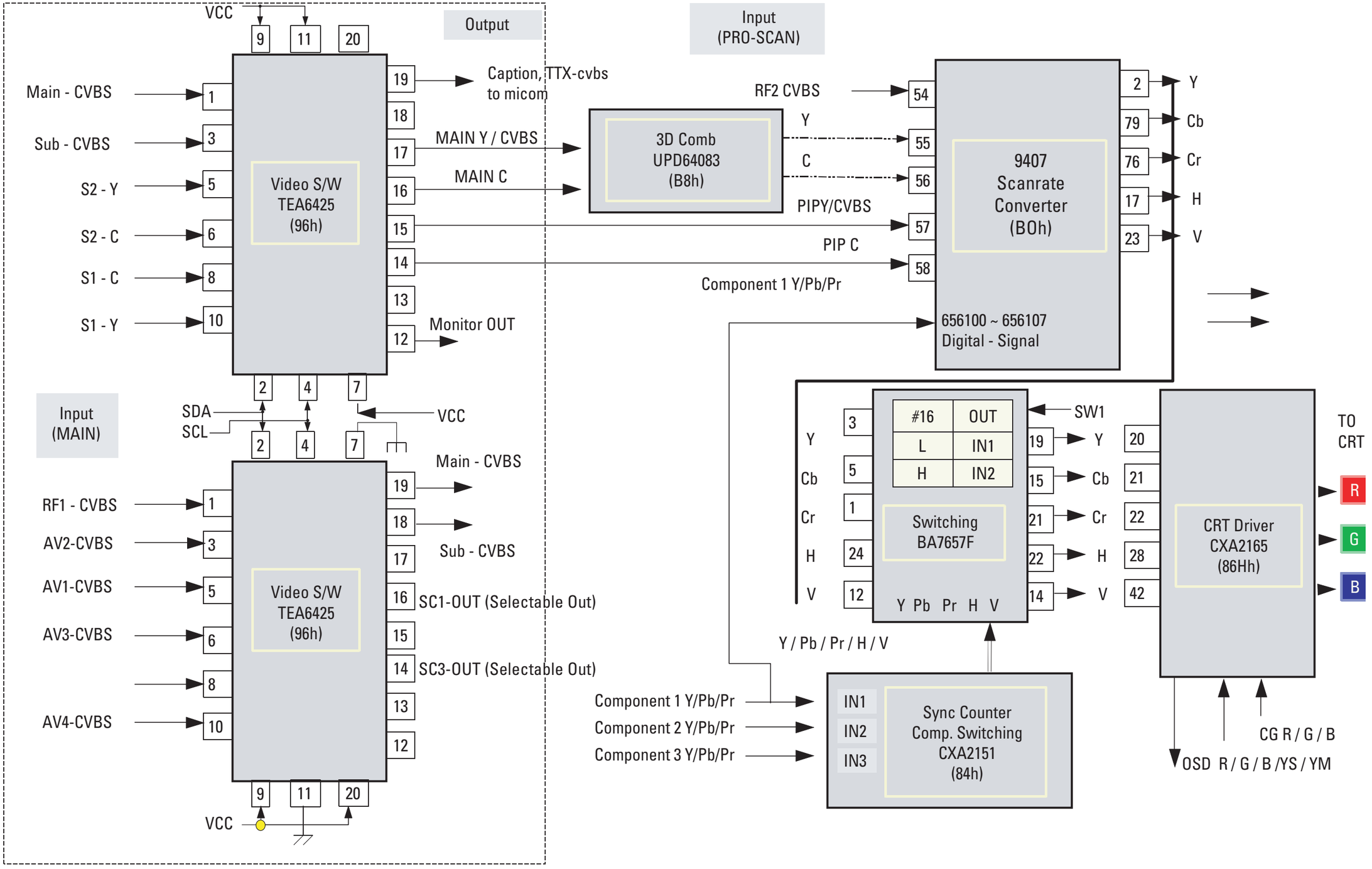
8-5 Sound Switching Block Diagram -1



8-6 Sound Switching Block Diagram -2

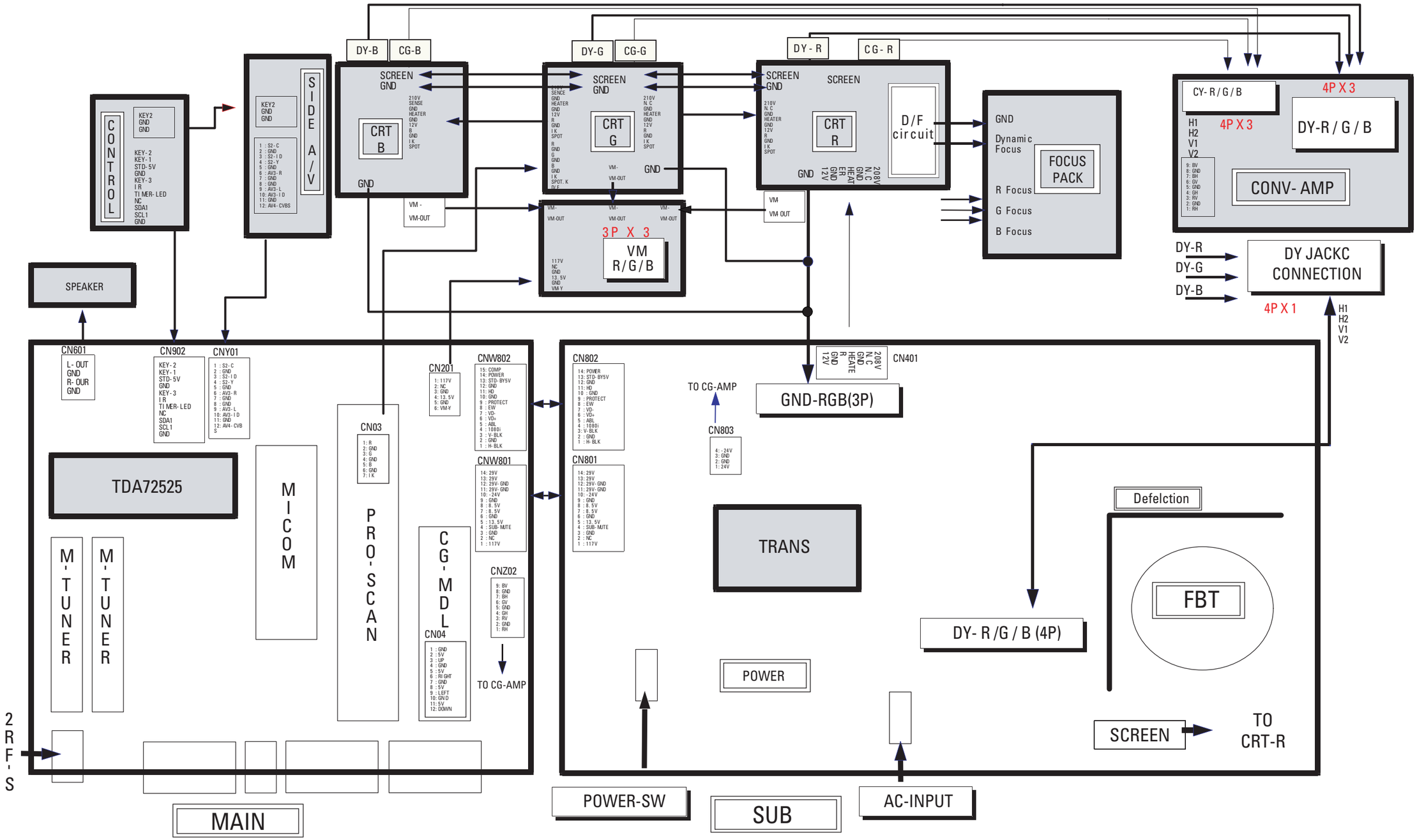


8-7 Video Signal Diagram



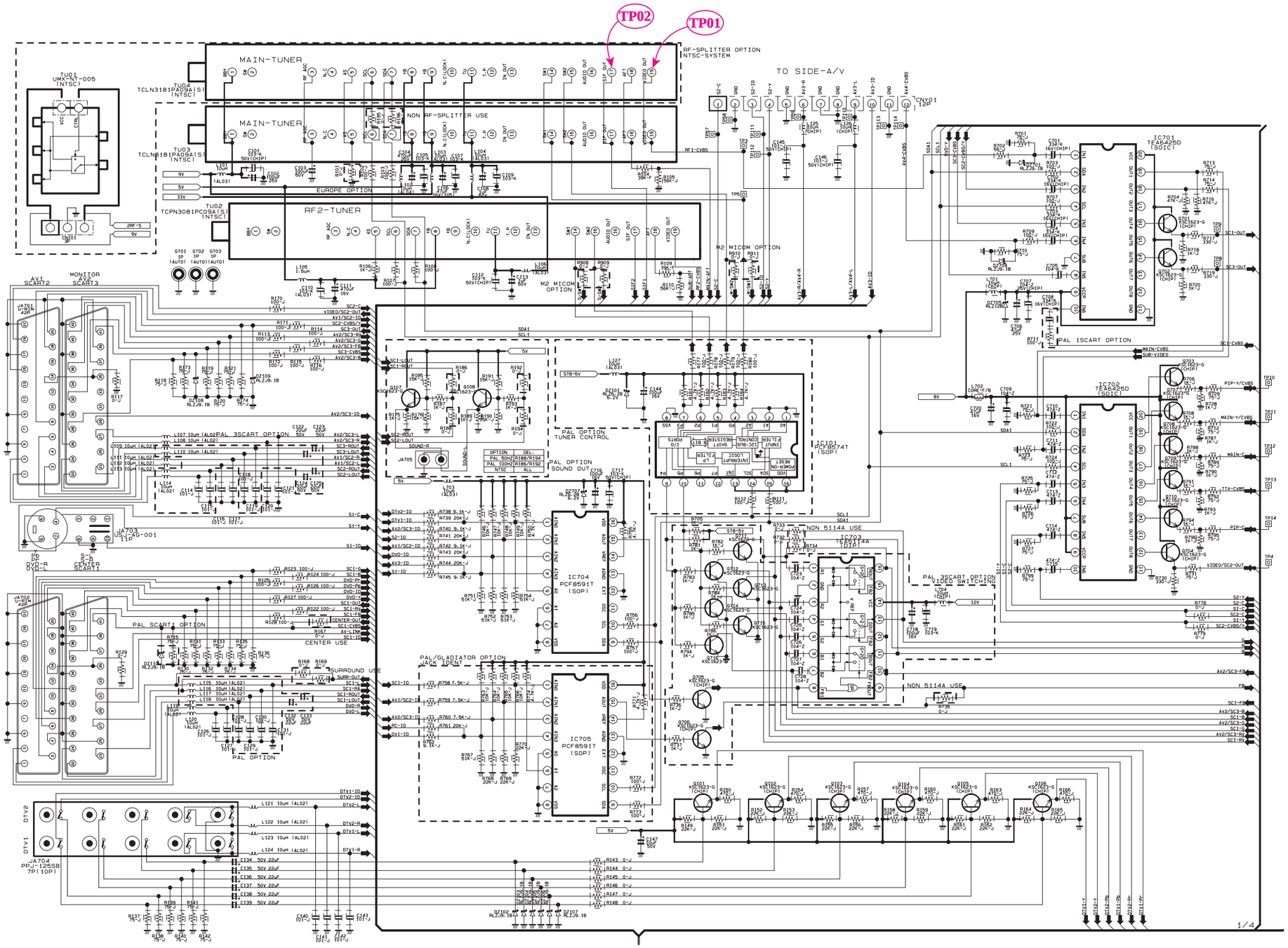
9. Wiring Diagram

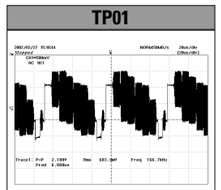
9-1 Pcb Connection



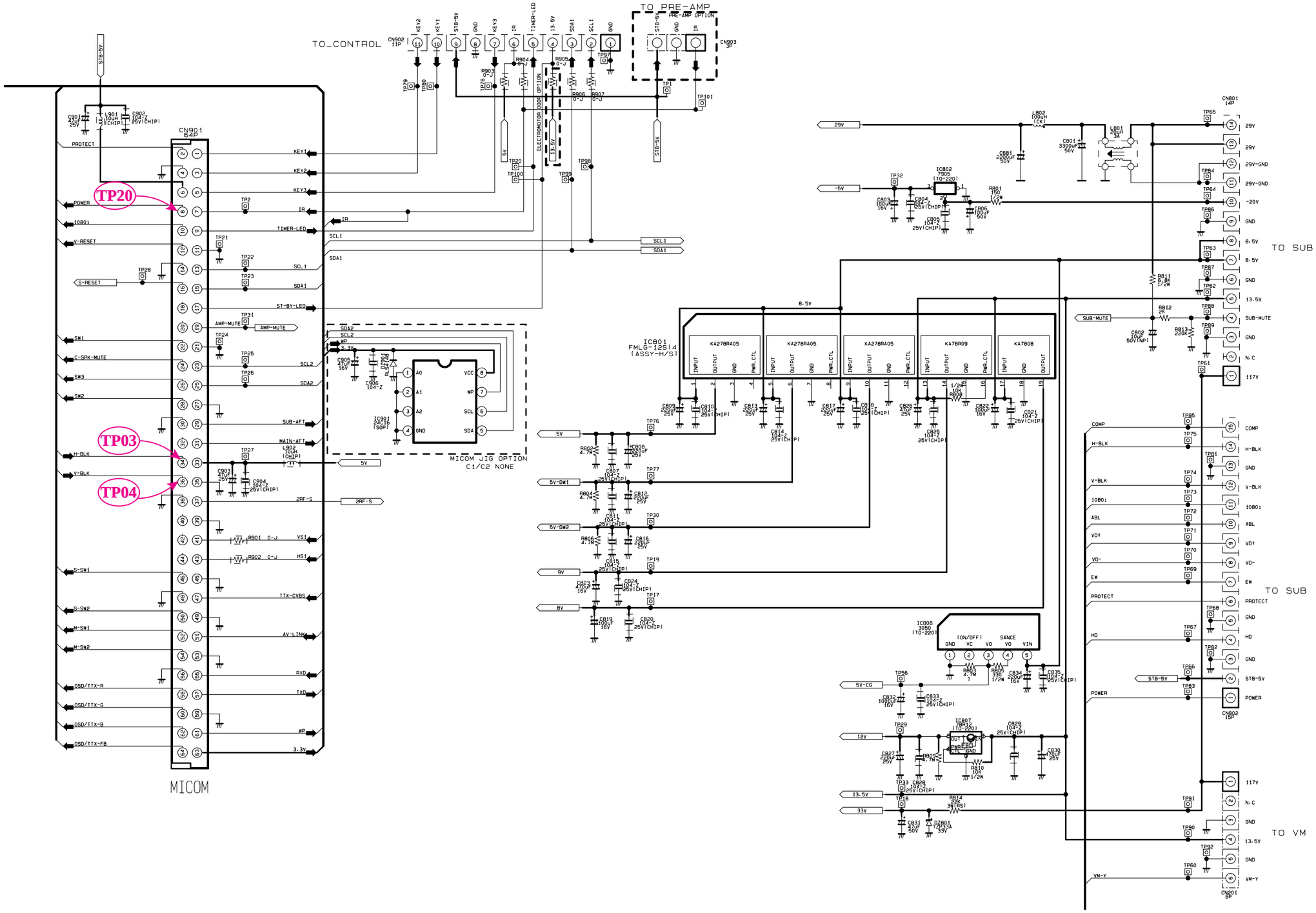
10. Schematic Diagrams

10-1 MAIN 1

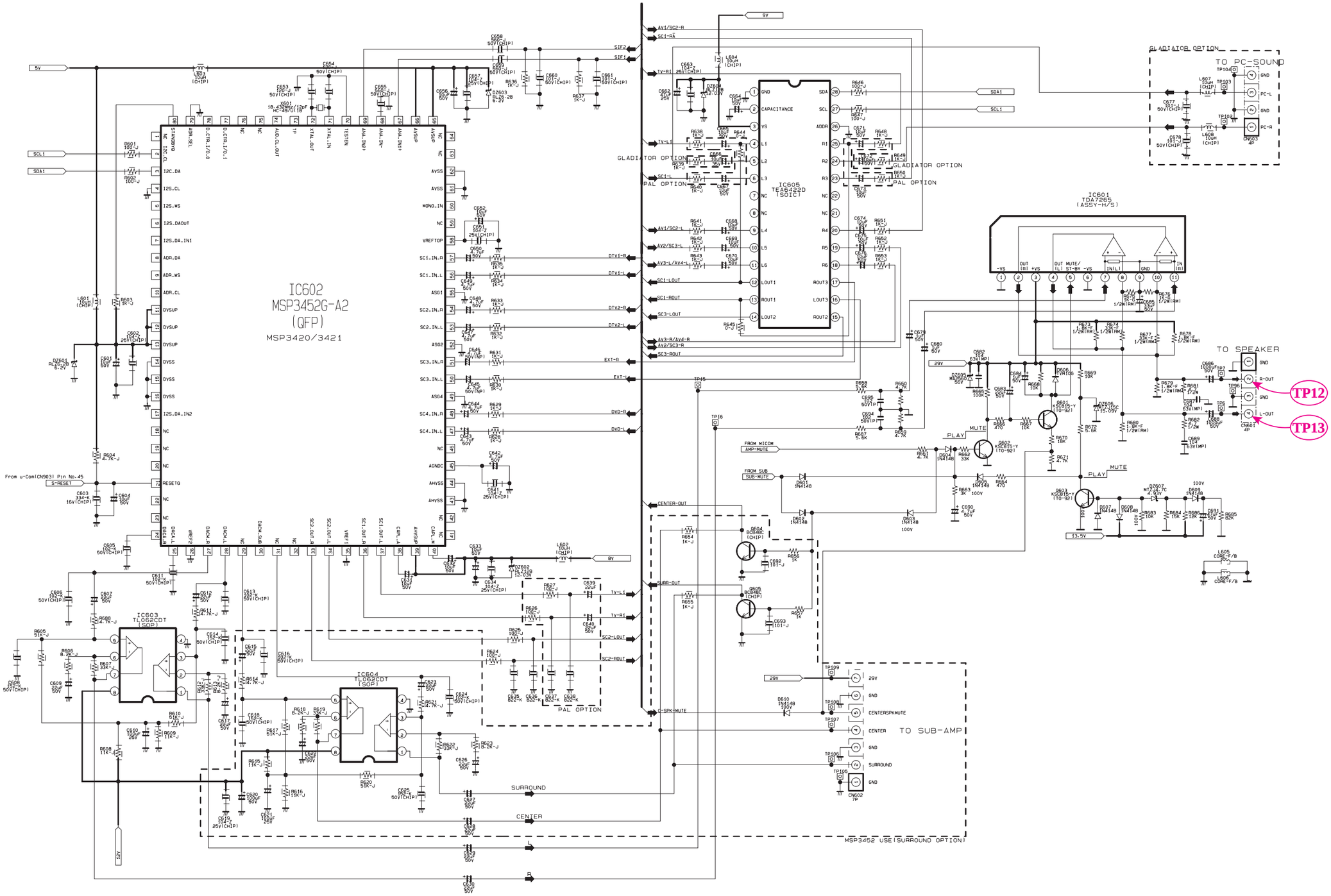


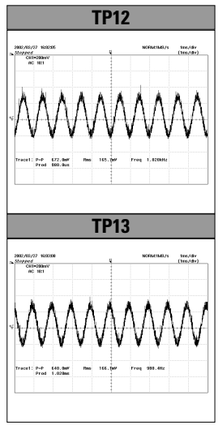


10-2 MAIN 2

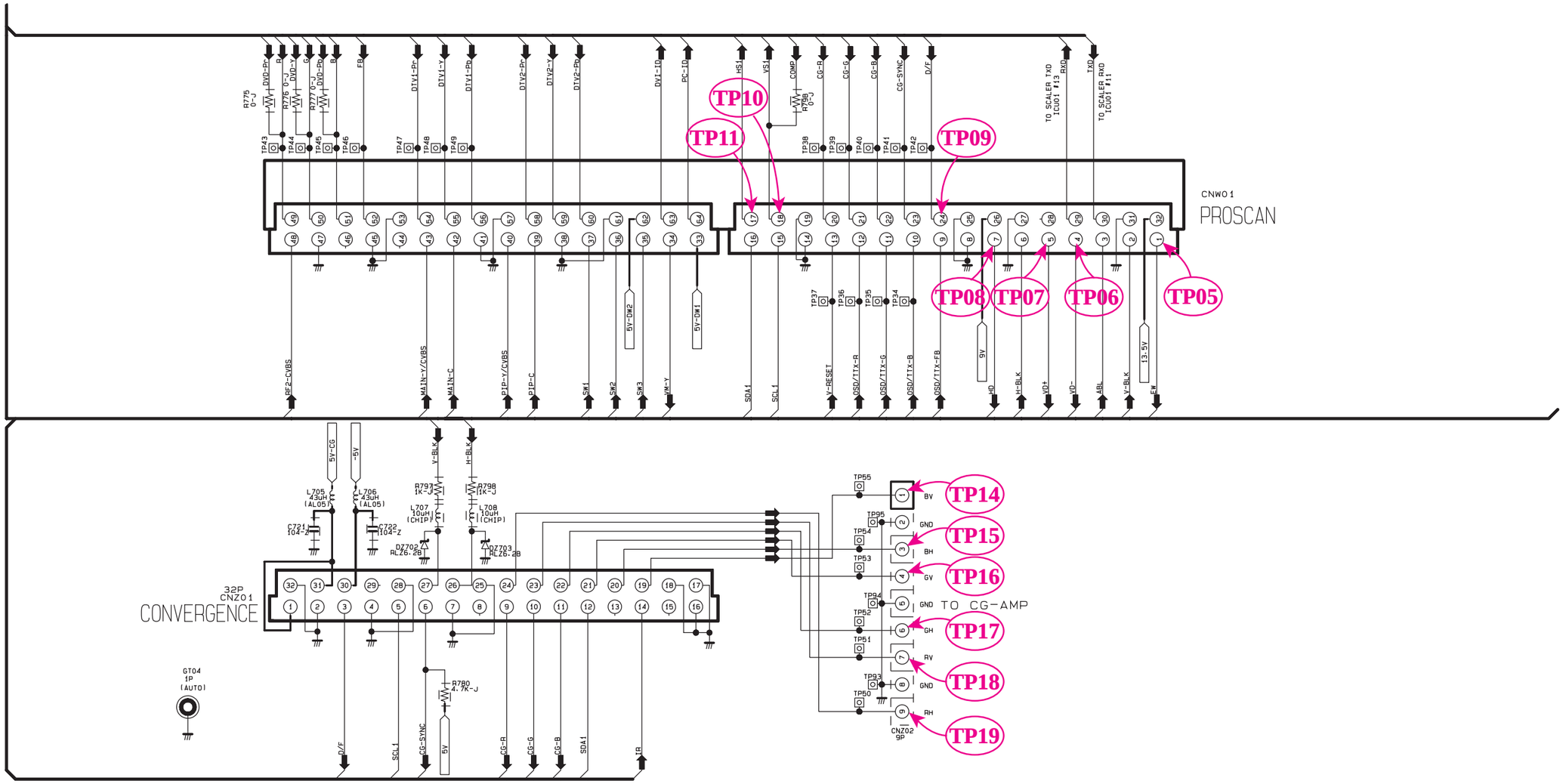

TO_CONTROL
CN902
11P
KEY2
KEY1
STB-5V
GND
KEY3
IR
TIMER-LED
13.5V
SDA1
SCL1
GND
TO PRE-AMP
PRE-AMP OPTION
CN903
3P
STB-5V
GND
IR
TP97
TP1
TP101
R904 0-J
R905 0-J
R903 0-J
R906 0-J
R907 0-J
TP78
TP79
TP80
TP20
TP100
TP99
TP98
ELECTRONICS ZOOM OPTION
5V
13.5V
STB-5V
CN901
64P
PROTECT
POWER
1080i
V-RESET
S-RESET
SW1
C-SPK-MUTE
SW3
SW2
H-BLK
V-BLK
S-SW1
S-SW2
M-SW1
M-SW2
OSD/TTX-R
OSD/TTX-G
OSD/TTX-B
OSD/TTX-FB
KEY1
KEY2
KEY3
IR
TIMER-LED
SCL1
SDA1
ST-BY-LED
AMP-MUTE
SCL2
SDA2
SUB-AFT
MAIN-AFT
5V
2RF-S
VS1
HS1
TTX-CVBS
AV-LINK
RXD
TXD
WP
3.3V
TP20
TP03
TP04
MICOM
MICOM JIG OPTION
C1/C2 NONE
IC901
24C16
(SOP)
AO
A1
A2
GND
VCC
WP
SCL
SDA
IC801
FML6-125(4
(ASSY-H/S)
KA278RA05
KA278RA05
KA278RA05
KA78R09
KA7808
INPUT
OUTPUT
GND
PWR.CTL
29V
-5V
8.5V
5V
5V-DW1
5V-DW2
9V
8V
IC802
7905
(TO-220)
IC807
78R12
(TO-220)
IC808
3050
(TO-220)
(ON/OFF)
VC
VO
SANCE
VIN
5V-CG
12V
13.5V
33V
TO SUB
TO VM
CN801
14P
CN802
15P
CN803
6P
TP65
TP84
TP64
TP86
TP63
TP87
TP62
TP88
TP89
TP61
TP85
TP75
TP81
TP74
TP73
TP72
TP71
TP70
TP69
TP68
TP67
TP82
TP66
TP83
TP91
TP90
TP92
TP60
COMP
H-BLK
GND
V-BLK
1080i
ABL
VD+
VD-
EW
PROTECT
HD
STB-5V
POWER
N.C
117V
VM-Y
TP03
TP04
TP20

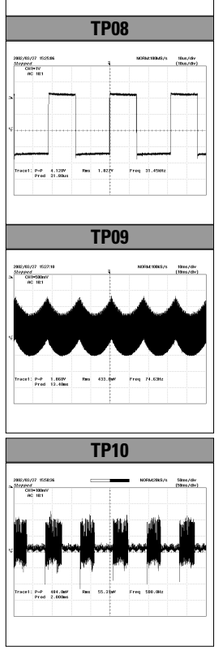
10-3 MAIN 3


IC602
MSP3452G-A2
(QFP)
MSP3420/3421
IC603
TL062CDT
(SOP)
IC604
TL062CDT
(SOP)
IC605
TEA6422D
(SOIC)
IC601
TDA7265
(ASSY-H/S)
GLADIATOR OPTION
PAL OPTION
TO PC-SOUND
TO SPEAKER
TO SUB-AMP
MSP3452 USE(SURROUND OPTION)
PLAY
MUTE
TP12
TP13

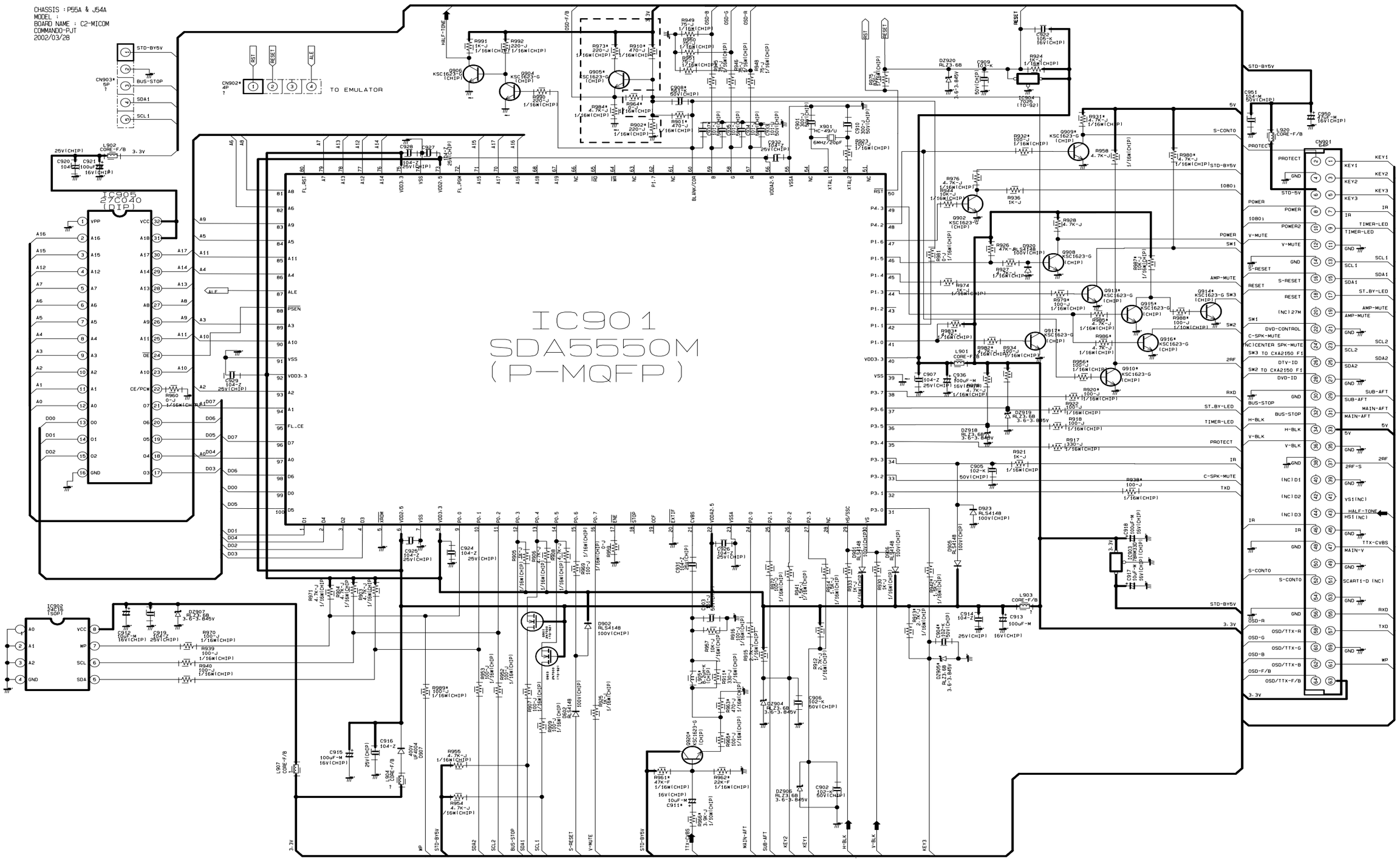

TP12
TP13

10-4 MAIN 4

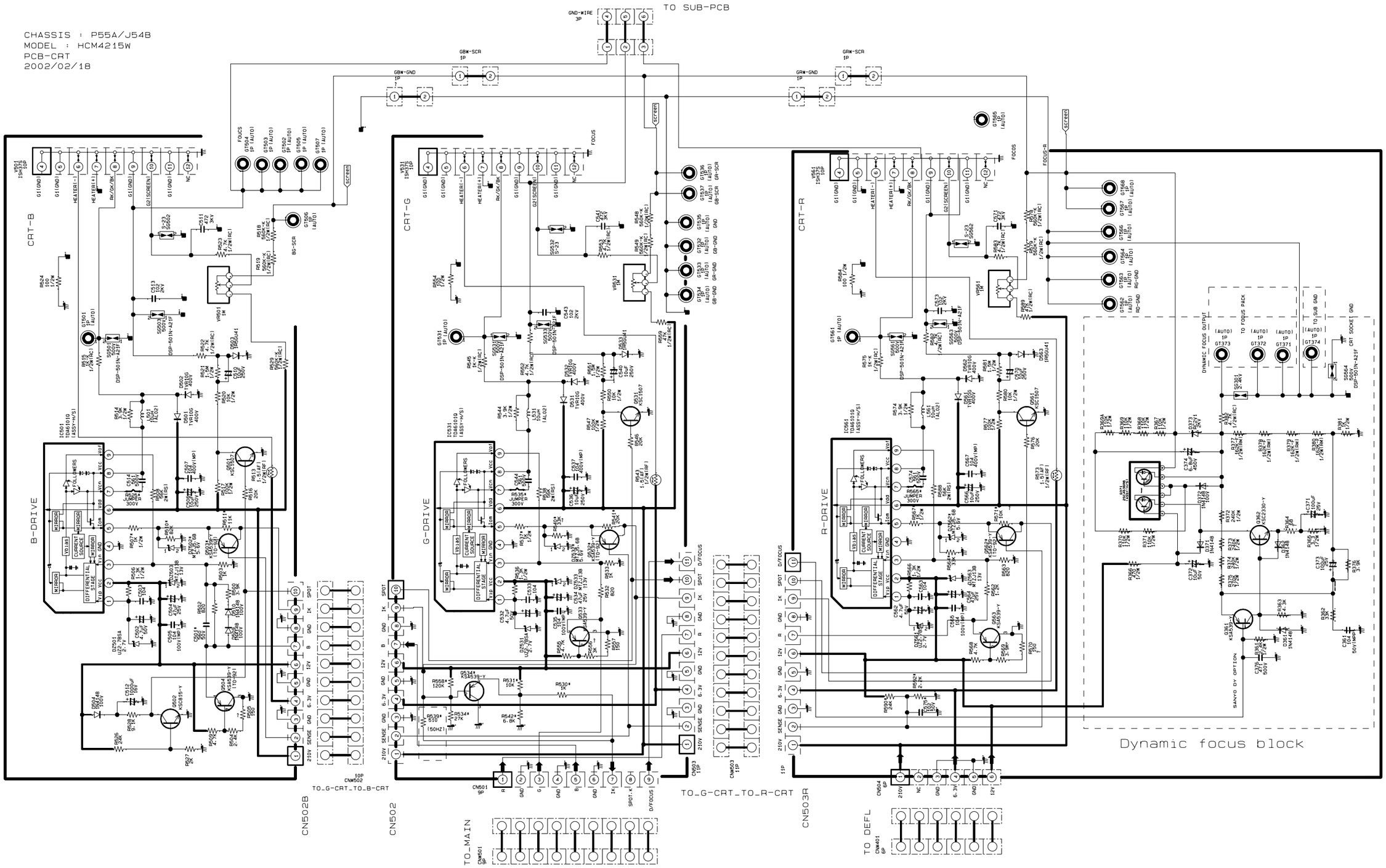

CNWO1
PROSCAN
TO SCALER TXD
LCU01 #13
RXD
TO SCALER RXD
LCU01 #11
TXD
TP10
TP11
TP09
TP08
TP07
TP06
TP05
DVD-Pr
DVD-Y
DVD-Pb
DTV1-Pr
DTV1-Y
DTV1-Pb
DTV2-Pr
DTV2-Y
DTV2-Pb
DVI-IR
PC-IR
HSI
VSI
COMP
CG-R
CG-G
CG-B
CG-SYNC
D/F
RF2-CVBS
MAIN-Y/CVBS
MAIN-C
PIP-Y/CVBS
PIP-C
SW1
SW2
SW3
VM-Y
5V-DW2
5V-DW1
SDA1
SCL1
V-RESET
OSD/TIX-R
OSD/TIX-G
OSD/TIX-B
OSD/TIX-FB
5V
HD
H-BLK
VD+
VD-
ABL
V-BLK
13.5V
FM
32P
CNZ01
CONVERGENCE
5V-CG
-5V
V-BLK
H-BLK
L705 43uH (AL05)
L706 43uH (AL05)
L707 10uH (CHIP)
L708 10uH (CHIP)
R797 1K-J
R798 1K-J
C721 104-Z
C722 104-Z
DZ702 RLZ6.2B
DZ703 RLZ6.2B
R780 4.7K-J
GT04 1P (AUTO)
TP55
TP95
TP54
TP53
TP94
TP52
TP51
TP93
TP50
BV
GND
BH
GV
GND
GH
RV
GND
RH
TP14
TP15
TP16
TP17
TP18
TP19
CNZ02 9P
TO CG-AMP
D/F
SCL1
CG-SYNC
5V
CG-R
CG-G
CG-B
SDA1
TP11
TP14
TP15
TP16
TP17
TP18
TP19


TP05
TP06
TP07
TP08
TP09
TP10

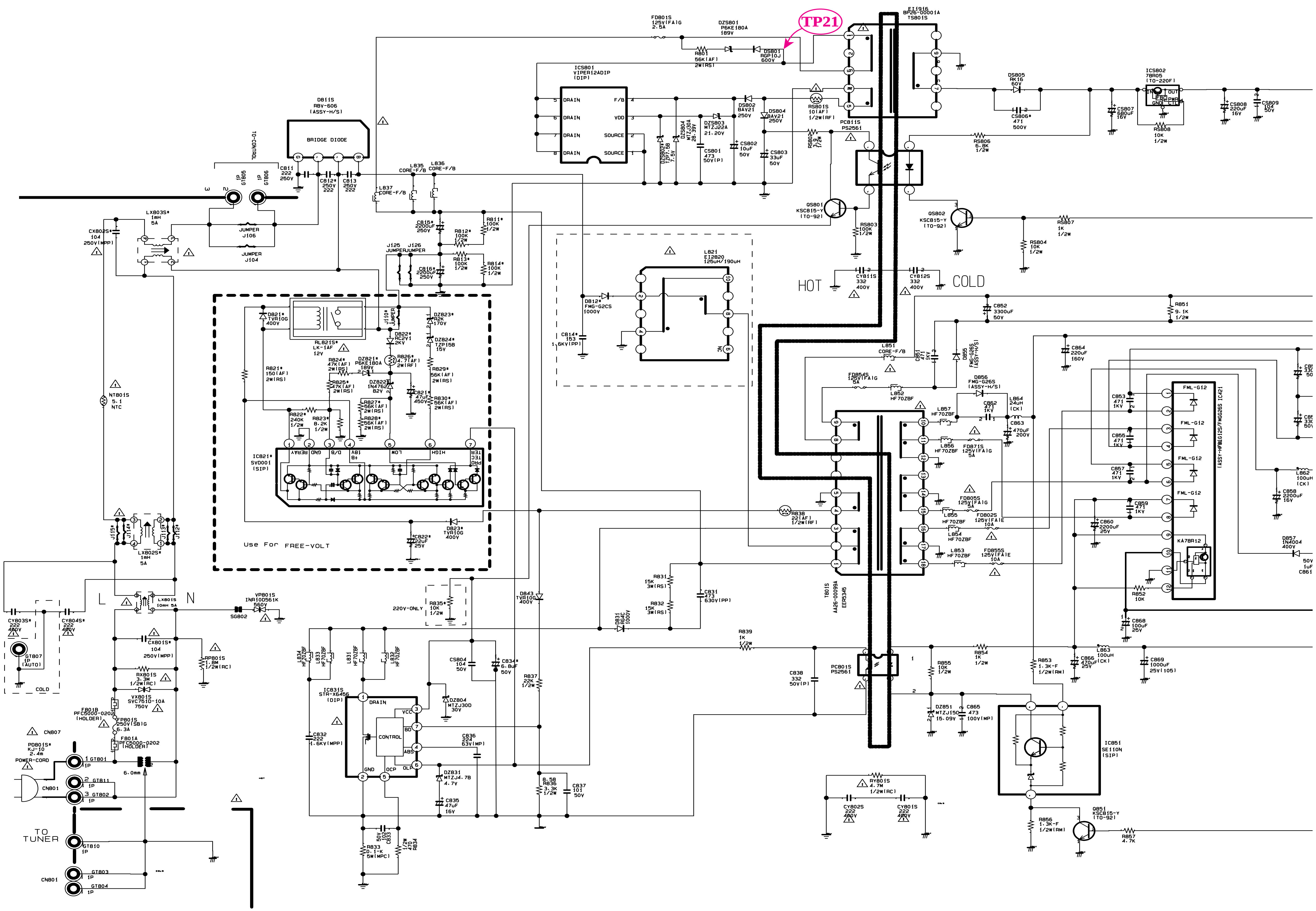
10-5 MICOM

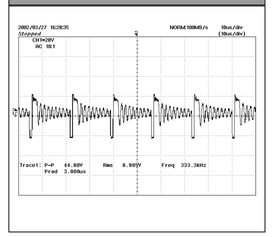

CHASSIS : P55A & J54A
MODEL :
BOARD NAME : C2-MICOM
COMMAND-PJT
2002/03/28
IC901
SDA5550M
(P-MQFP)
IC902
24C16
(SOP)
IC903
24C02
(DIP)
TO EMULATOR
STD-BY5V
BUS-STOP
SDA1
SCL1
3.3V
5V
KEY1
KEY2
KEY3
IR
TIMER-LED
SCL1
SDA1
ST_BY-LED
AMP-MUTE
SCL2
SDA2
SUB-AFT
MAIN-AFT
2RF
2RF-S
HALF-TONE
TTX-CVBS
MAIN-V
SCART1-D (NC)
RXD
TXD
WP
S-RESET
V-MUTE
POWER
SW1
SW2
SW3 TO CXA2150 F1
DVD-ID
DVD-CONTROL
C-SPK-MUTE
H-BLK
V-BLK
PROTECT
S-CONTO
OSD-R
OSD-G
OSD-B
OSD-F/B
OSD/TTX-R
OSD/TTX-G
OSD/TTX-B
OSD/TTX-F/B

10-6 CRT

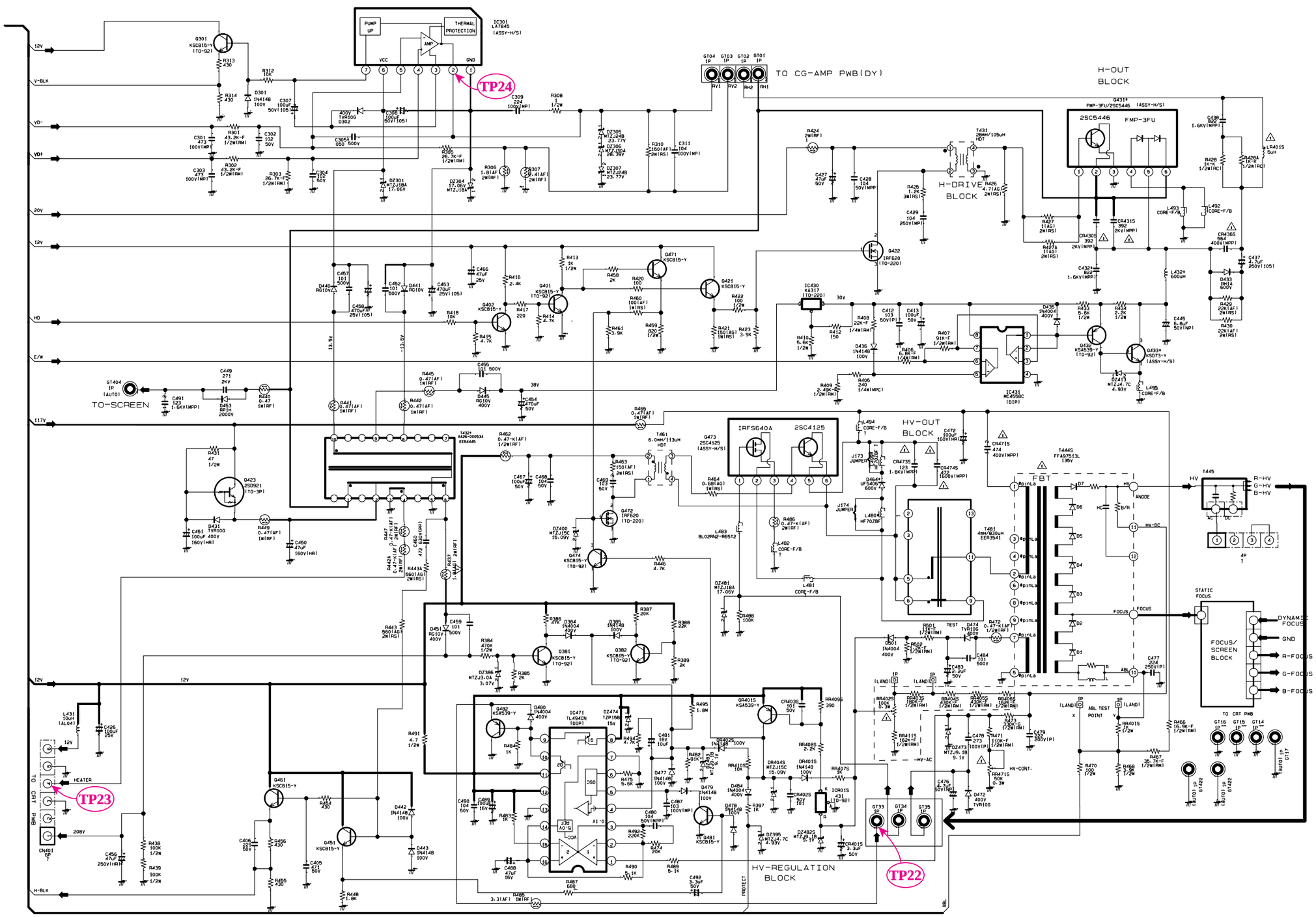

CHASSIS : P55A/J54B
MODEL : HCM4215W
PCB-CRT
2002/02/18
TO SUB-PCB
GND-WIRE 3P
GBW-SCR 1P
GBW-GND 1P
GRW-SCR 1P
GRW-GND 1P
SCREEN
FOCUS
FOCUS-R
CRT-B
CRT-G
CRT-R
B-DRIVE
G-DRIVE
R-DRIVE
Dynamic focus block
DYNAMIC FOCUS OUTPUT
TO FOCUS PACK
SUB GND
CRT SOCKET GND
SANYO DY OPTION
TO_G-CRT_TO_B-CRT
TO_G-CRT_TO_R-CRT
CN502B
CN502
CN503R
TO_MAIN
TO DEFL

10-7 SUB 1

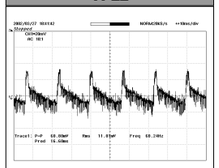

TP21
BRIDGE DIODE
D811S RBV-606 (ASSY-H/S)
TO-CONTROL
ICS801 VIPER12ADIP (DIP)
DRAIN
F/B
VDD
SOURCE
FD801S 125V(FA)G 2.5A
DZS801 P6KE180A 189V
DS801 RGP10J 600V
R801 56K(AF) 2W(RS)
EI1916 BP26-00001A TS801S
DS805 RK16 60V
ICS802 78R05 (TO-220F)
PC811S PS2561
QS801 KSC815-Y (TO-92)
QS802 KSC815-Y (TO-92)
HOT
COLD
L821 EI2820 125uH/190uH
IC821* SVD001 (SIP)
RL821S* LK-1AF 12V
Use For FREE-VOLT
NT801S 5.1 NTC
LX803S* 1mH 5A
LX802S* 1mH 5A
LX801S 10mH 5A
L
N
VP801S INR10D561K 560V
SG802
220V-ONLY
IC831S STR-X6456 (DIP)
CONTROL
T801S AA26-00099A EER5346
PC801S PS2561
IC851 SE110N (SIP)
Q851 KSC815-Y (TO-92)
FML-G12
KA78R12
(ASSY-HP)BLG12S/FMGG26S IC421
CN807
PD801S* KJ-10 2.4m
POWER-CORD
CN801
TO TUNER
GT810 1P
COLD


TP21

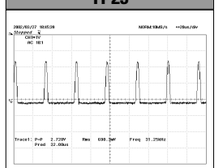
10-8 SUB 2



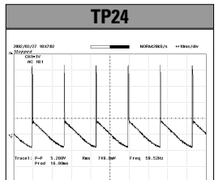
TP22



TP23



TP24



10-9 CONVERGENCE (SDC12 - 1)

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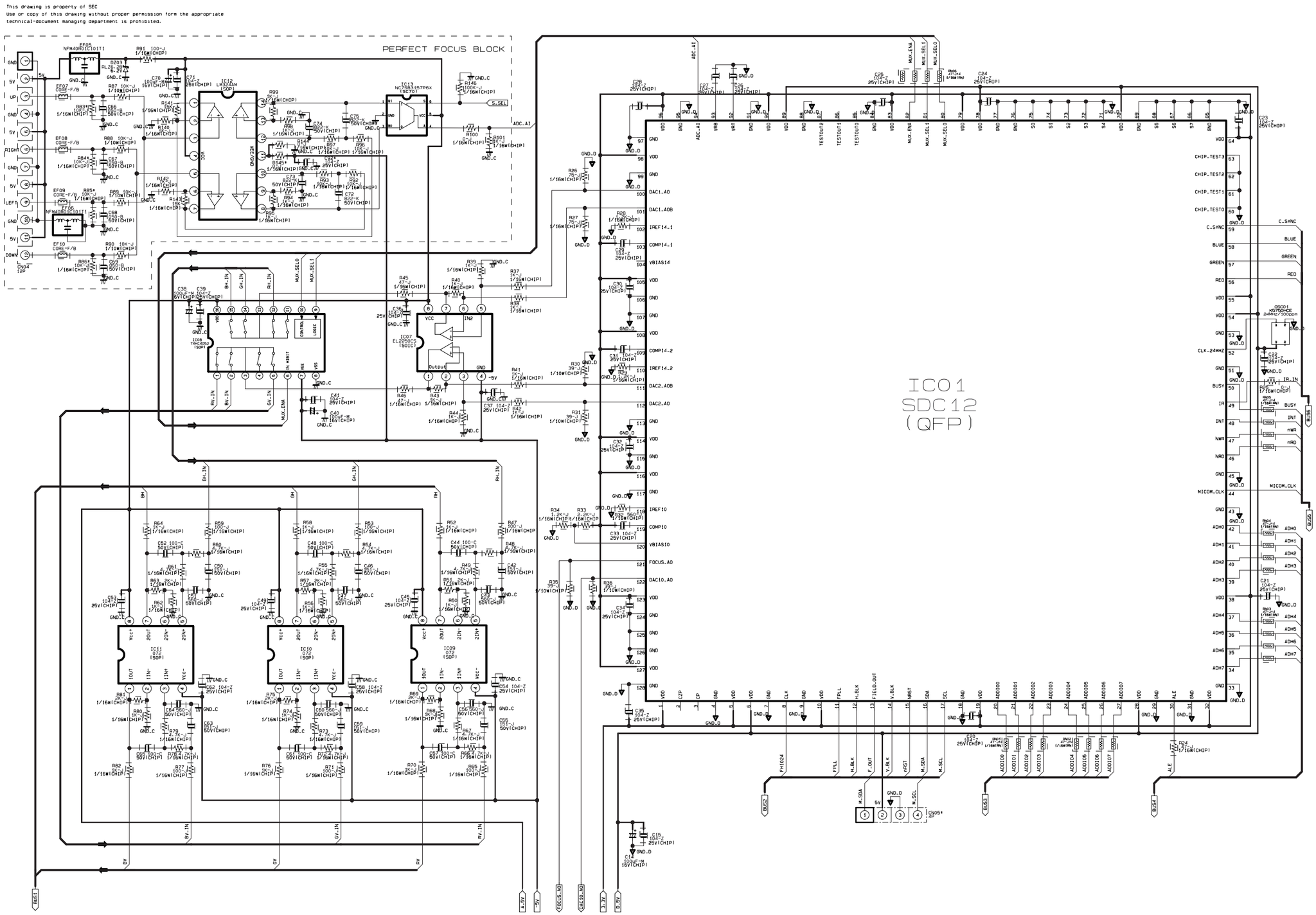

10-10 CONVERGENCE (SDC12 - 2)

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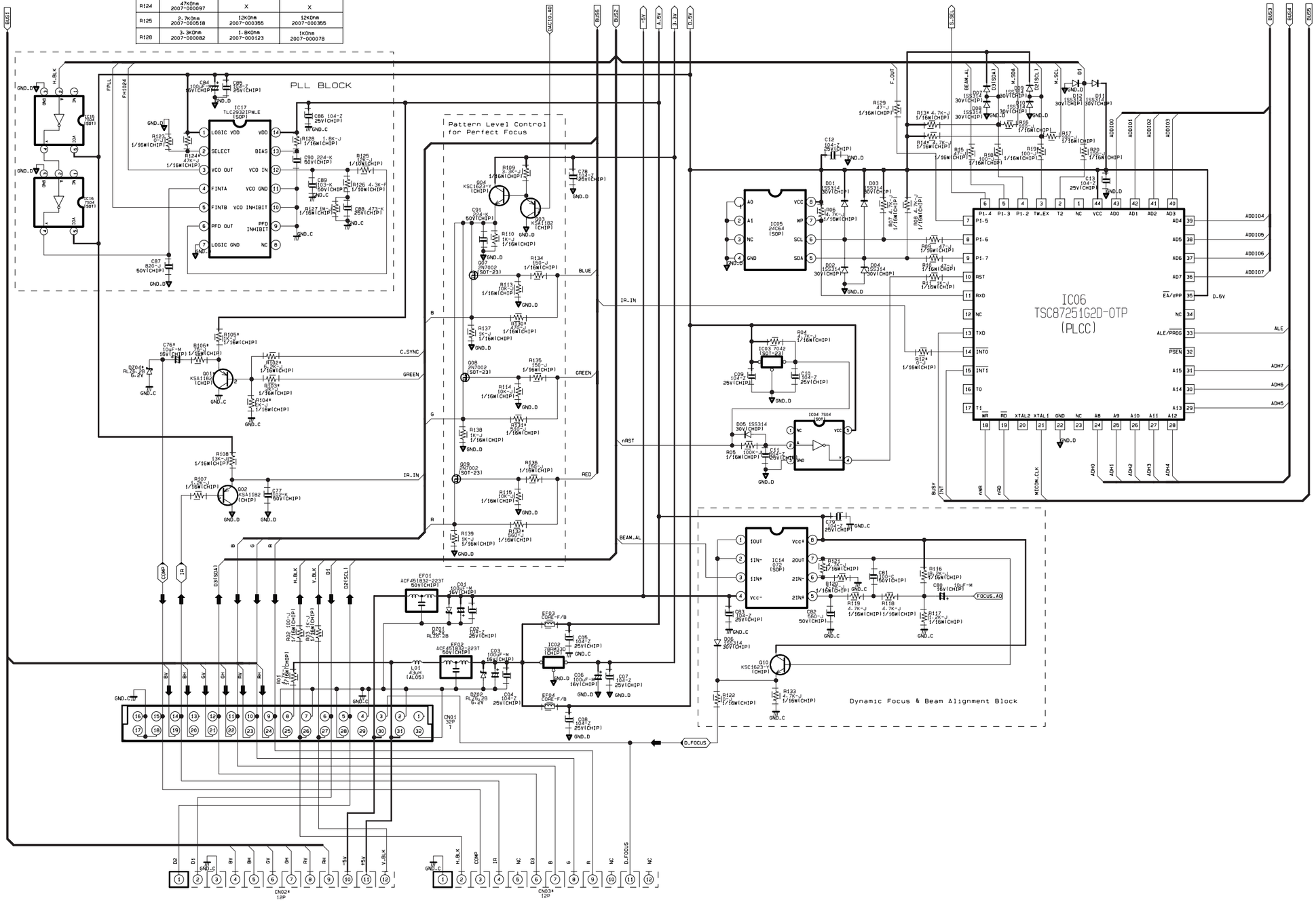
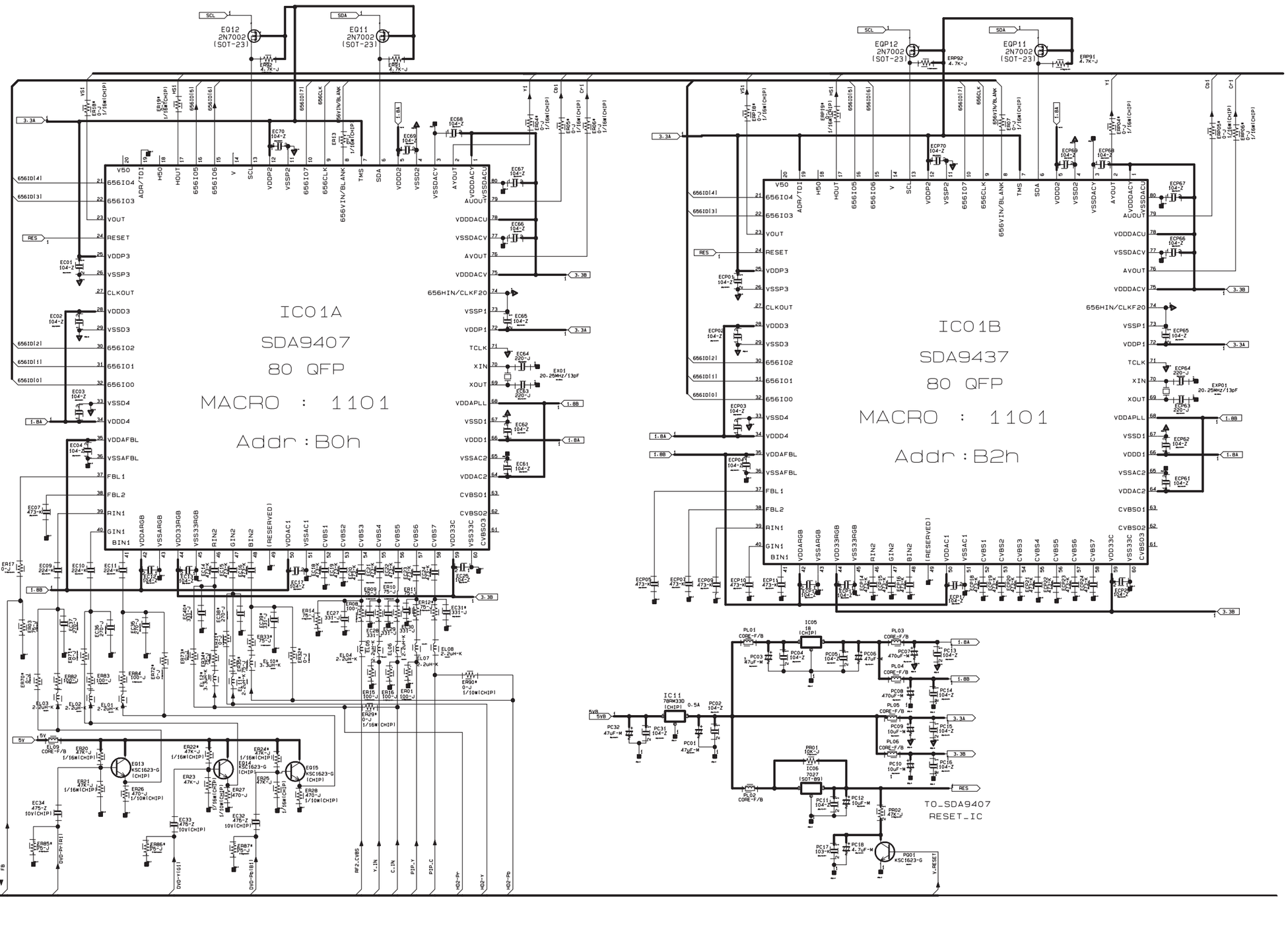
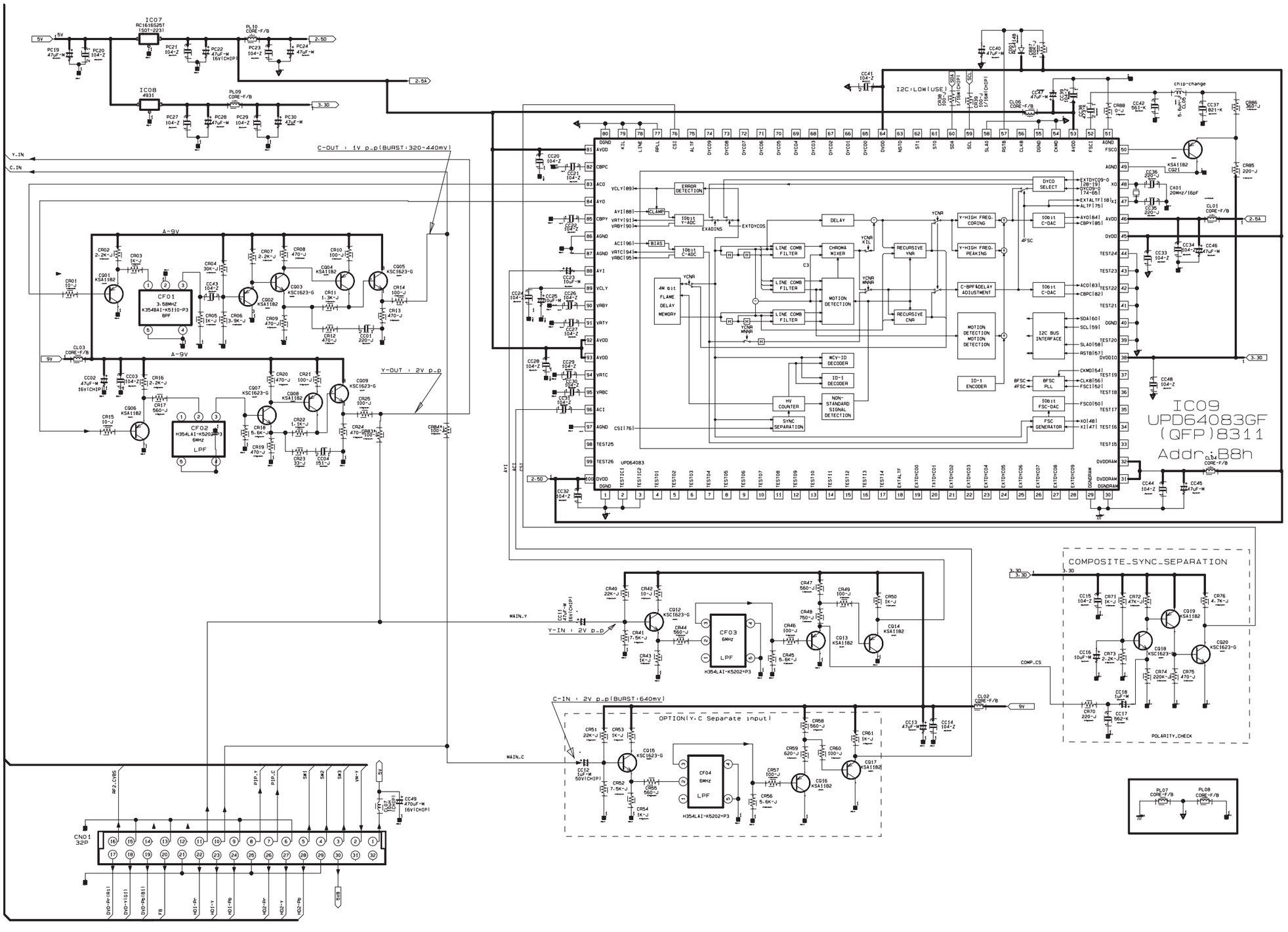
	1H	2H	3H
R123	X	0Ohm 2007-000070	0Ohm 2007-000070
R124	47kOhm 2007-000097	X	X
R125	2.7kOhm 2007-000518	12kOhm 2007-000355	12kOhm 2007-000355
R128	3.3kOhm 2007-000082	1.8kOhm 2007-000123	1kOhm 2007-000078



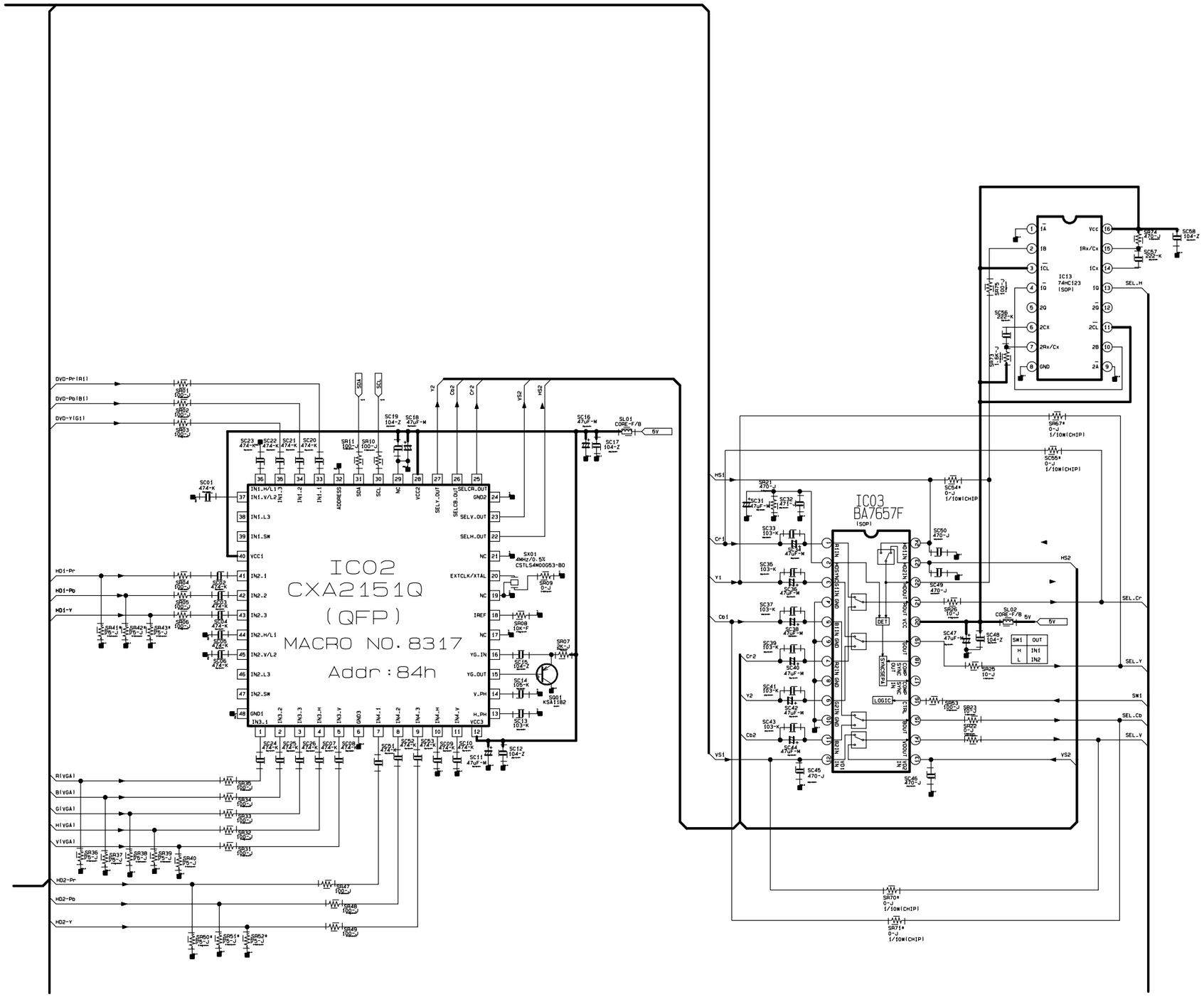
10-11 PRO SCAN 1



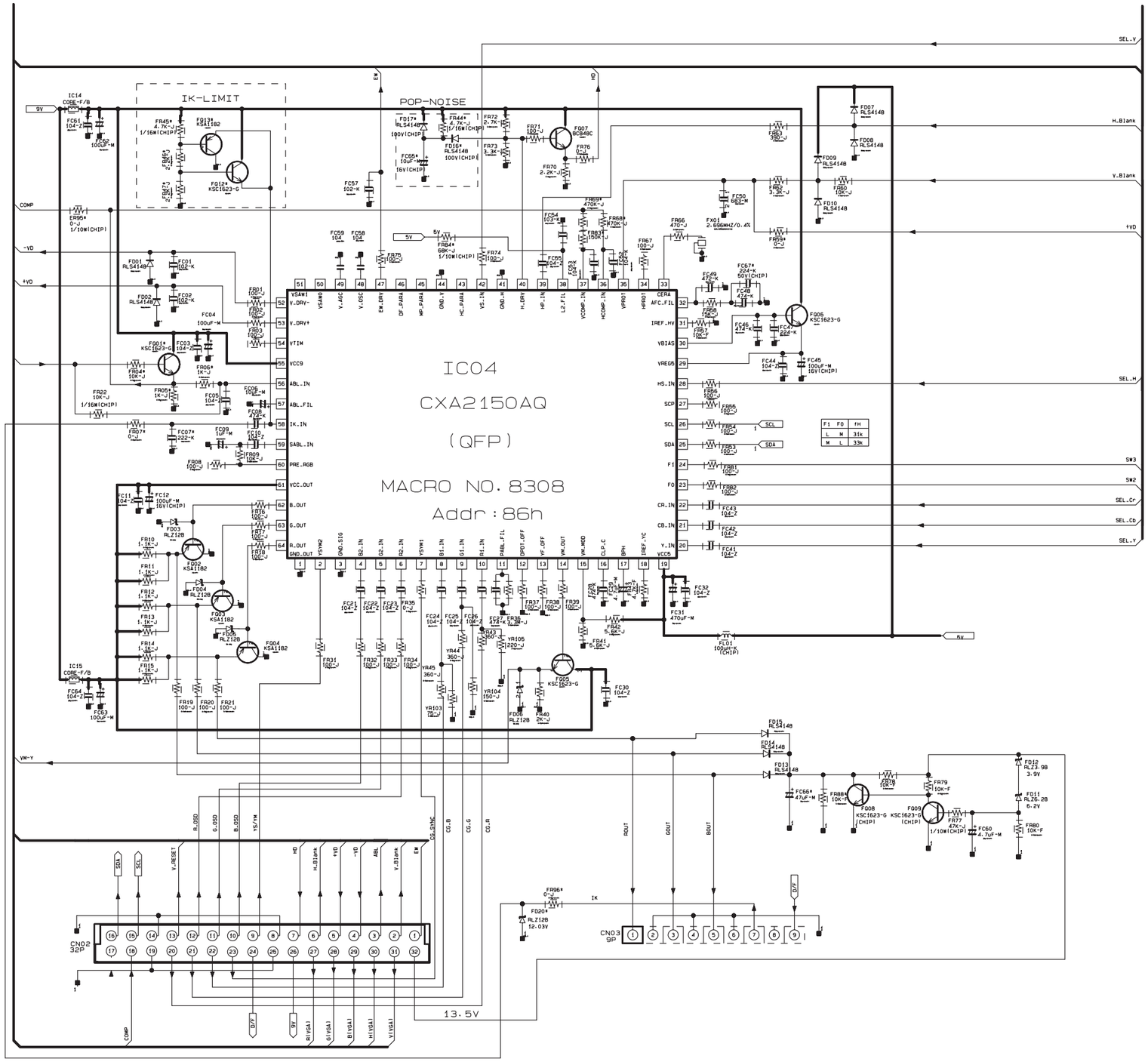
10-12 PRO SCAN 2



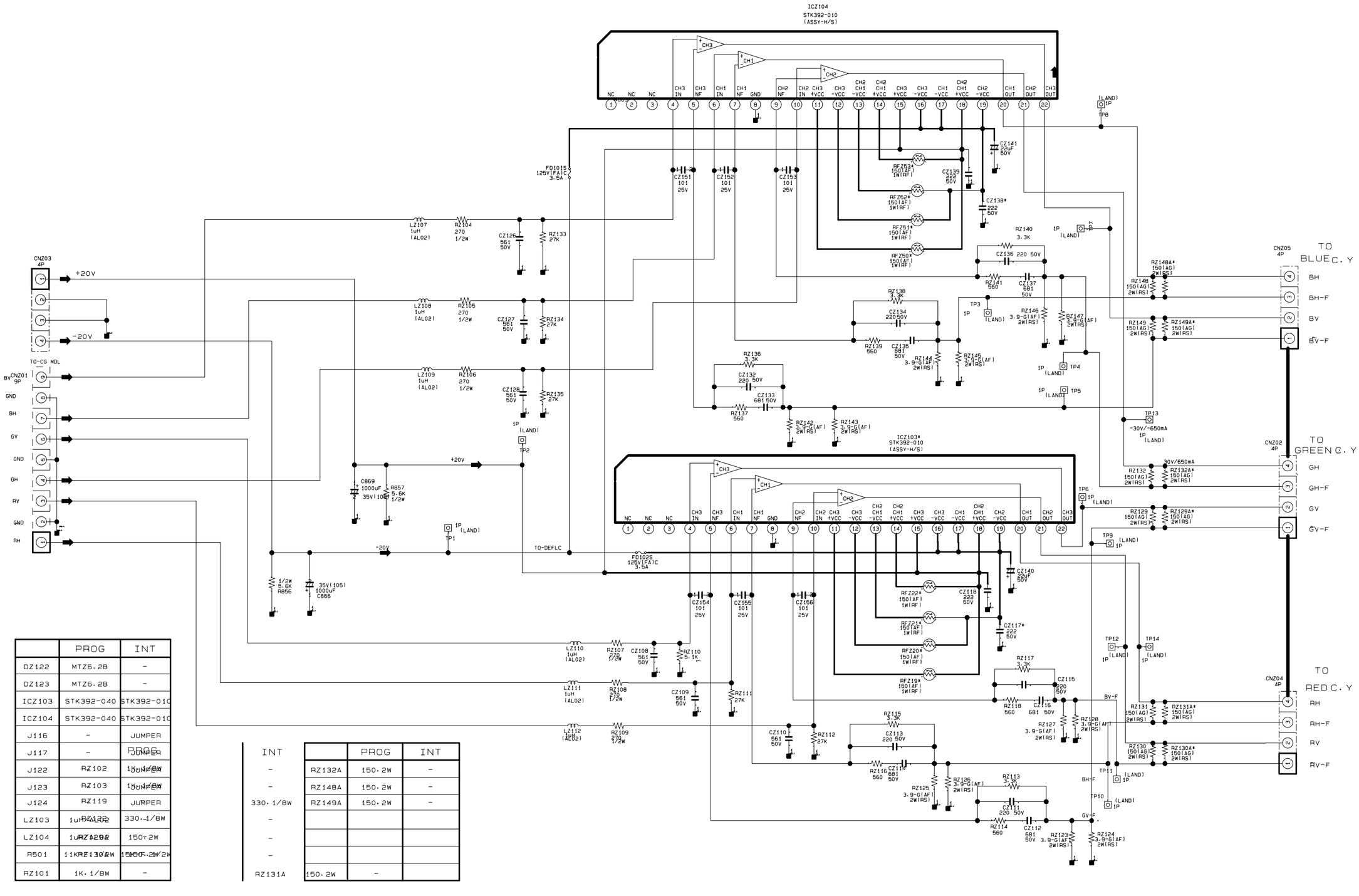
10-13 PRO SCAN 3



10-14 PRO SCAN 4



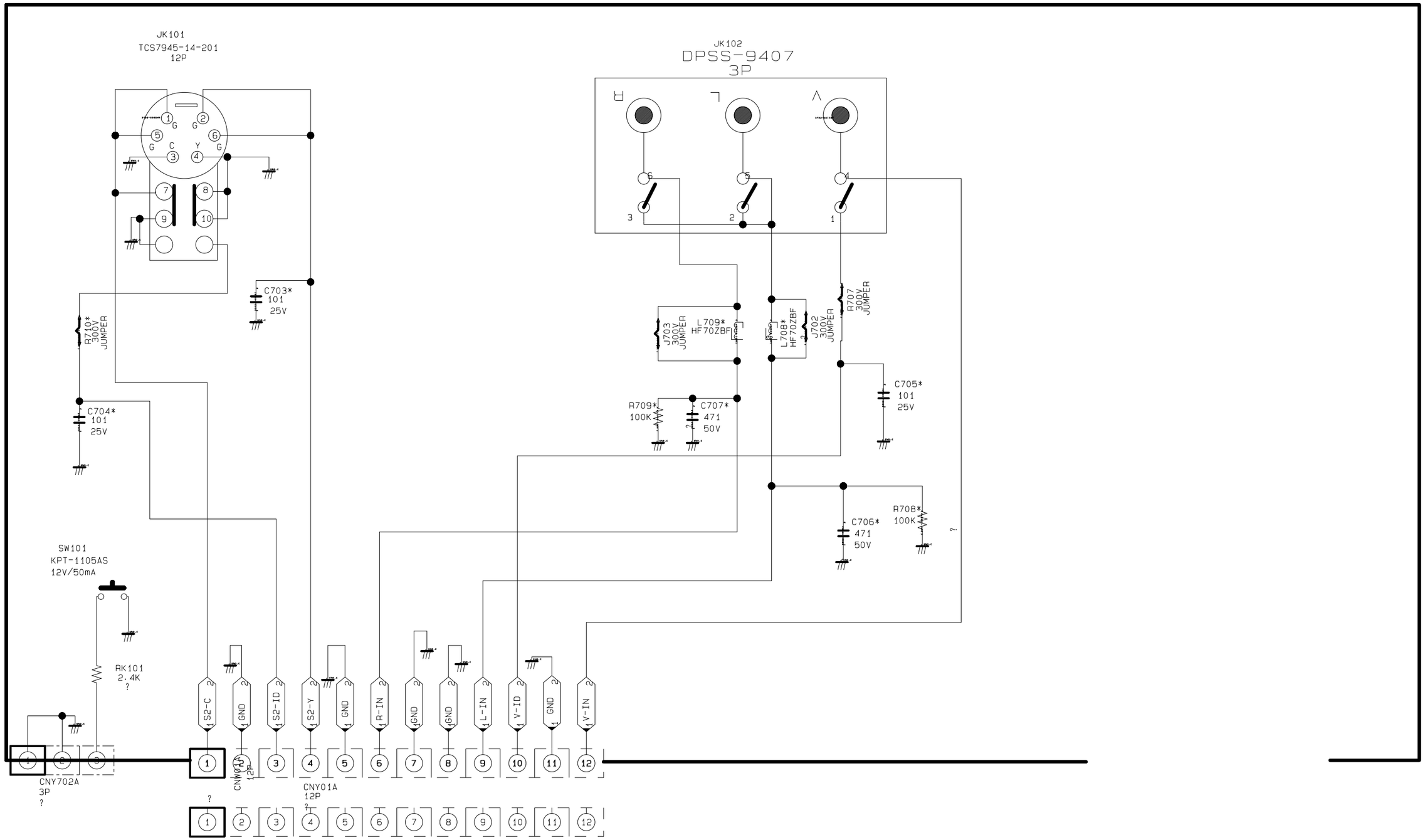
10-15 CG AMP



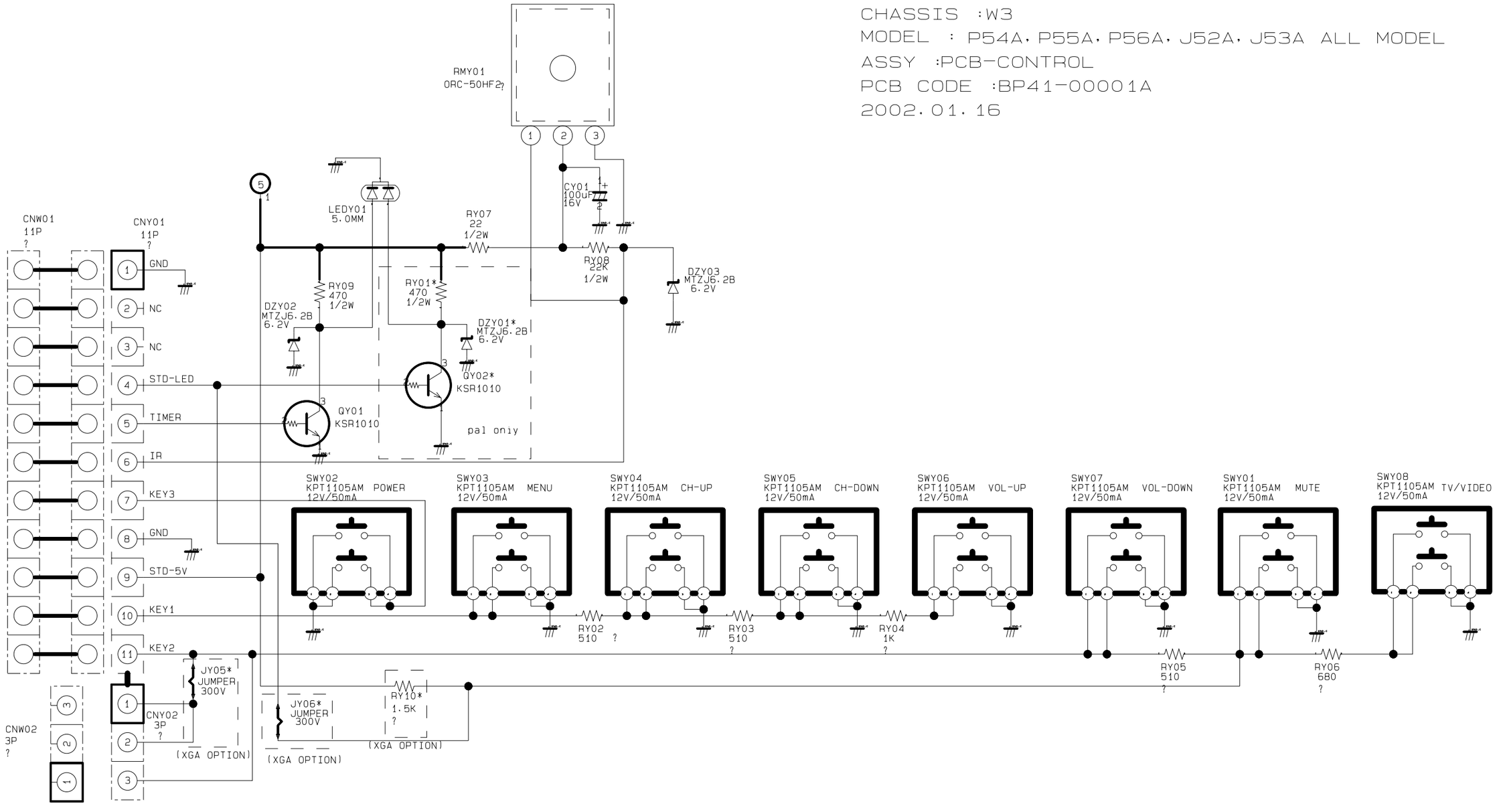
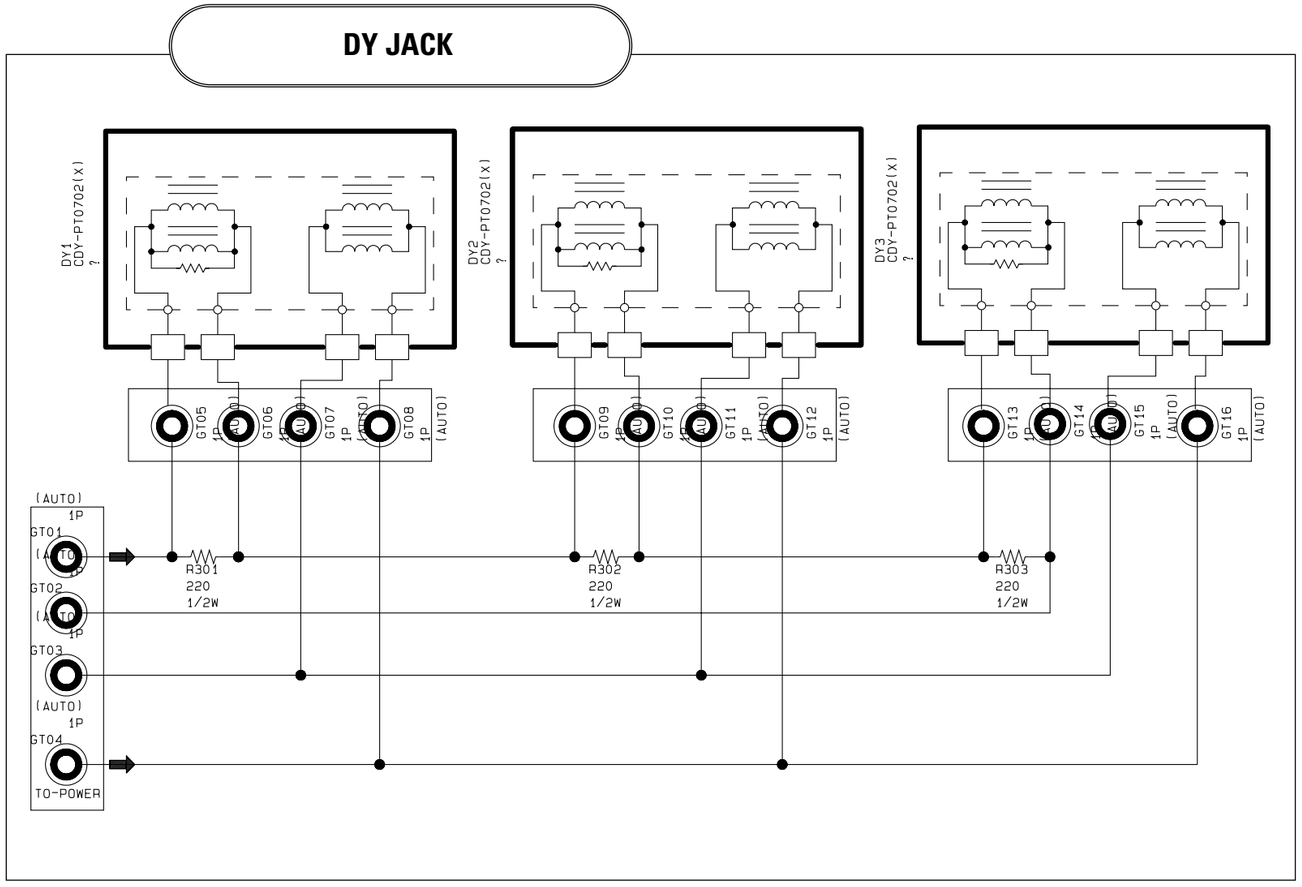
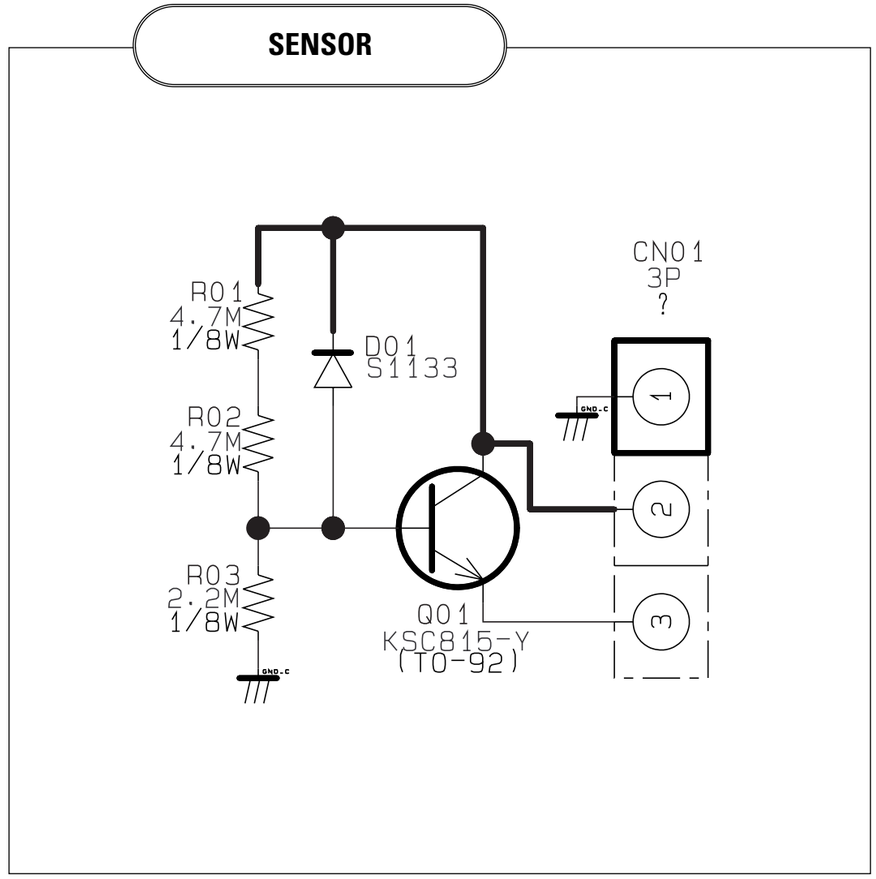
	PROG	INT
DZ122	MTZ6.2B	-
DZ123	MTZ6.2B	-
ICZ103	STK392-040	STK392-010
ICZ104	STK392-040	STK392-010
J116	-	JUMPER
J117	-	JUMPER
J122	RZ102	150-1/2W
J123	RZ103	150-1/2W
J124	RZ119	JUMPER
LZ103	1uH/AL02	330-1/8W
LZ104	1uH/AL02	150-2W
R501	11K/1/2W	150-2W
RZ101	1K-1/8W	-

INT		PROG	INT
-	RZ132A	150-2W	-
-	RZ148A	150-2W	-
330-1/8W	RZ149A	150-2W	-
-			
-			
-			
RZ131A	150-2W	-	

10-16 AV FRONT



10-17 CONTROL



10-18 DY JACK, SENSOR